

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WE' LOG ELECTRIC LOGS **X** WATER SANDS LOCATION INSPECTED SUB REPORT/abd

10-9A CH

DATE FILED **7-9-93**

LAND FEE & PATENTED

STATE LEASE NO. **ML-22060**

PUBLIC LEASE NO.

INDIAN

DRILLING APPROVED **7-26-93 (EXCEPTION LOCATION)**

SPUDDED IN:

9-18-94

COMPLETED:

10-16-94

PUT TO PRODUCING:

"10-21-94 Commenced Injection"

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

A925-5236 (GRV)

TOTAL DEPTH:

6100'

WELL ELEVATION:

5253 GR

DATE ABANDONED:

FIELD:

MONUMENT BUTTE

UNIT:

COUNTY:

DUCHESNE

WELL NO.

GILSONITE #13-32**API NO. 43-013-31403**

LOCATION

5' FSL

FT. FROM (N) (S) LINE,

5' FWL

FT. FROM (E) (W) LINE.

SW SW

1/4 - 1/4 SEC.

32

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

8S**17E****32****LOMAX EXPLORATION CO,**

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149



Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

May 4, 1993

RECEIVED

MAY 05 1993

DIVISION OF
OIL, GAS & MINING

EPA - UIC Implementation Station
Drinking Water Branch (8WM-DW)
Attention: Emmett Schmitz
999 18th Street, Suite 500
Denver, CO 80202-2405

RE: Gilsonite State #13-32
SW/SW Sec. 32, T8S, R17E
Gilsonite Unit
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Notice of Staking" for the above referenced water injector.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,



Lucy Nemec
Engineering Secretary

/In
GOVT\EPASTKG.LTR

Enclosures

NOTICE OF STAKING Not to be used in place of Application for Permit to Drill (Form 3160-3)		6. Lease Number ML-22060			
1. Oil Well _____ Gas Well _____ Other (Specify) Water Injector		7. If Indian, Allottee or Tribe Name			
2. Name of Operator: LOMAX EXPLORATION COMPANY		8. Unit Agreement Name Gilsonite Unit			
3. Name of Specific Contact Person: Brad Mecham		9. Farm or Lease Name Gilsonite State			
4. Address & Phone No. of Operator or Agent 722-5103 P.O. Box 1446, Roosevelt, UT 84066		10. Well No. #13-32			
5. Surface Location of Well 5' FSL 5' FWL SW/SW		11. Field or Wildcat Name Monument Butte			
Attach: a) Sketch showing road entry onto pad, pad dimensions, and reserve pit. b) Topographical or other acceptable map showing location, access road, and lease boundaries.		12. Sec., T., R., M., or Blk and Survey or Area Section 32, T8S, R17E S.L.B. & M.			
15. Formation Objective(s) Green River	16. Estimated Well Depth 6000'	13. County, Parish, or Borough Duchesne	14. State Utah		
17. Additional Information (as appropriate; shall include surface owner's name, address and, if known, telephone number) <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"> State of Utah Division of Oil, Gas & Mining 355 W. N. Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203 </td> <td style="width: 50%;"> EPA - UIC Implementation Section Drinking Water Branch (8WM-DW) 999 18th Street, Suite 500 Denver, CO 80202-2405 Emmett Schmitz (303-293-1436) </td> </tr> </table>				State of Utah Division of Oil, Gas & Mining 355 W. N. Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203	EPA - UIC Implementation Section Drinking Water Branch (8WM-DW) 999 18th Street, Suite 500 Denver, CO 80202-2405 Emmett Schmitz (303-293-1436)
State of Utah Division of Oil, Gas & Mining 355 W. N. Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203	EPA - UIC Implementation Section Drinking Water Branch (8WM-DW) 999 18th Street, Suite 500 Denver, CO 80202-2405 Emmett Schmitz (303-293-1436)				

18. Signed Brad Mecham Title Regional Prod. Mgr Date 5/4/93

Note: Upon receipt of this Notice, the Bureau of Land Management (BLM) will schedule the date of the onsite predrill inspection and notify you accordingly. The location must be staked and access road must be flagged prior to the onsite.

Operators must consider the following prior to the onsite:

- a) H₂S Potential
- b) Cultural Resources (Archeology)
- c) Federal Right of Way or Special Use Permit



WILDROSE RESOURCES CORPORATION

June 28, 1993

RECEIVED

JUN 30 1993

DIVISION OF
OIL GAS & MINING

Utah Division of Oil, Gas & Mining
Attn: Ronald J. Firth
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Lomax Exploration Company
Proposed Lease Line Waterflood Injection Well
SW Corner of Section 32, T8S, R17E
Duchesne County, Utah

Dear Mr. Firth:

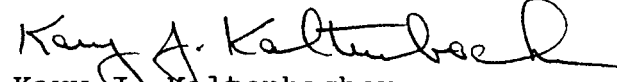
This letter is to follow up our conversation with you and John Lomax prior to the Board Hearing on June 23, 1993.

Wildrose Resources Corporation operates the producing Gov't 31-2 well in the SE/SE of Section 31, T8S, R17E, which offsets Lomax's proposed lease line waterflood injection well in the SW corner of Section 32, T8S, R17E. The Gov't 31-2 well was completed back in 1966 and a cement bond log was run, a copy of which I am enclosing. The bond log clearly shows the cement top at 4470' with excellent bond to 4500'. Lomax has indicated to me that the upper most injection zone in the proposed lease line injection well will be the "C" sand which is below 4800'. Since the cement top is above 4500' in our Gov't 31-2 well there should be no problem with migration of fluids out of zone in our Gov't 31-2 well.

Therefore, Wildrose has no objection to Lomax's proposed location in the SW corner of Section 32, T8S, R17E.

If you have any questions or need additional information, please give me a call at the number shown below.

Very truly yours,
WILDROSE RESOURCES CORPORATION


Kary J. Kaltenbacher
Vice President

Gamma Ray Correlation
Acoustic Cement Bond

RECEIVED

COMPANY G.S. Campbell Et Al

JUN 30 1965 WELL Government # 31-2

DIVISION OF FIELD Mount Butte

COUNTY Duchesne STATE Utah

COMPANY
WELL
FIELD
County
State
File
Location C SE SE
Sec. 31 Twp. 8S Rge. 12E
Permanent Datum Ground level Elev. 5254
Log Measured From 12 AGI KB. 5266
Drilling Measured From 413 DF. 5254

Type Log Gamma Ray Acoustic CBI
Run No. One
Date 8-16-66
Total Depth Driller 5322
Present Depth Driller 5308
Total Depth O.W.P. 5308
Survey Begins 5308
Survey Ends 4700
Mud bit 4350
Type Fluid in Hole Water
Solinity PPM Cl
Weight lb./gal. Full
Fluid Level
Max. Hole Temp.
Recorded By Bibeby
Witnessed By
BORE HOLE RECORD
Run Bit From To Size Wat. From To
7 1/8 Surf 5410 4 1/2 Surf T.O.
CASING RECORD

LOGGING TOOL DATA

Truck No. 505 Inst. Truck No. Tool Serial No.
GAMMA RAY
Tool Model No. Dia. 3 1/8"
Detector Model No. Log Type Acoustic CBI
Type Scintillation Length 2"
Distance To N. Source
Reference Literature: Source Model No. Serial No.
Spacing 3'
Type
Strength

LOGGING DATA

Depth		Speed	T. C.	Gamma Ray Setting			T. C.	Neutron Setting		
From	To	ft./min	Sec.	Sensitivity	Zero	Scale	Sec.	Sensitivity	Zero	Scale
4700	5308	25	2	15 CPD	-15 Cts					

Calibration Data

REMARKS:

15 Microsecond Gate Set On First Negative Arrival

Using top of spider as datum
7' lower than KB

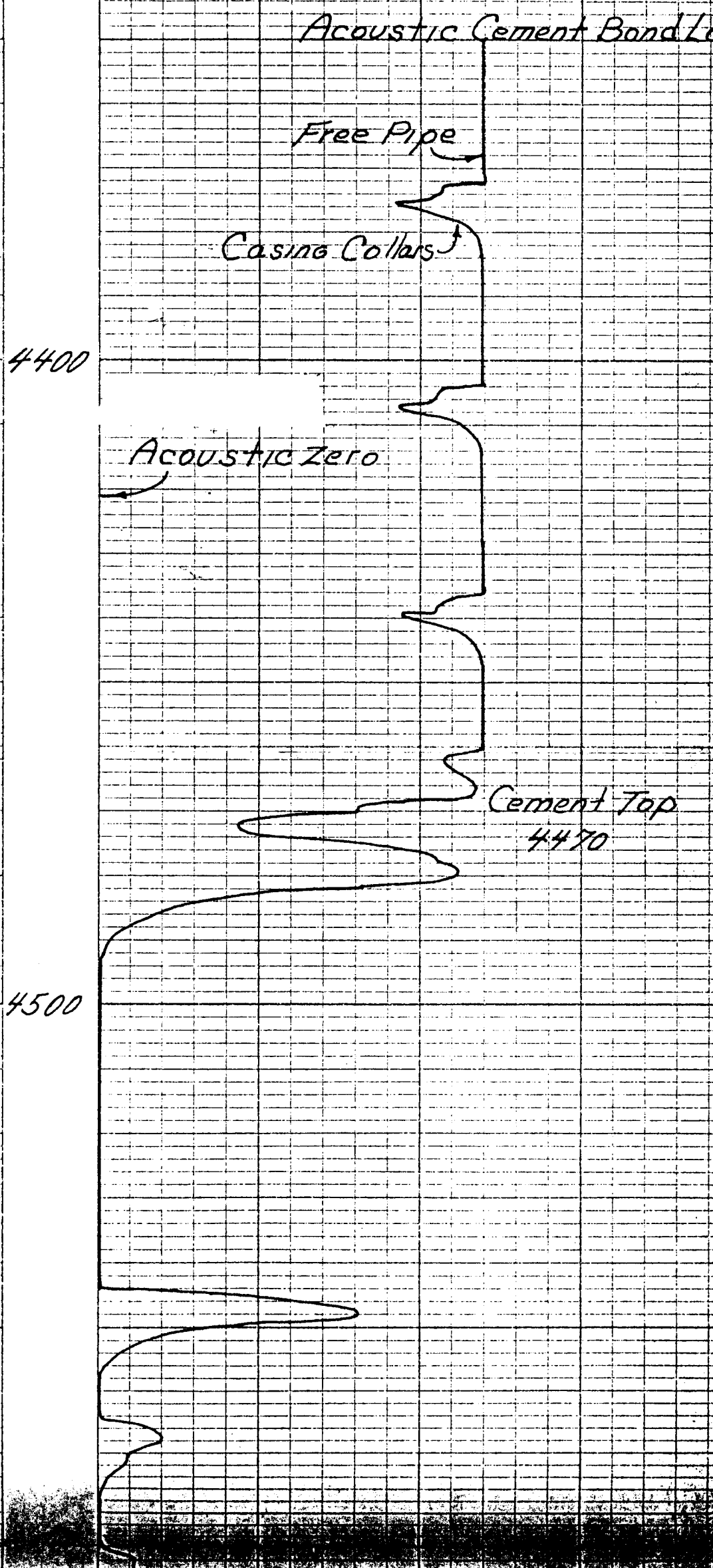
6 Sept BOP OFF
9' lower than KB

Acoustic Cement Bond

Free Pipe

7' lower than KB

6 Sept BOP OFF
9' lower than KB



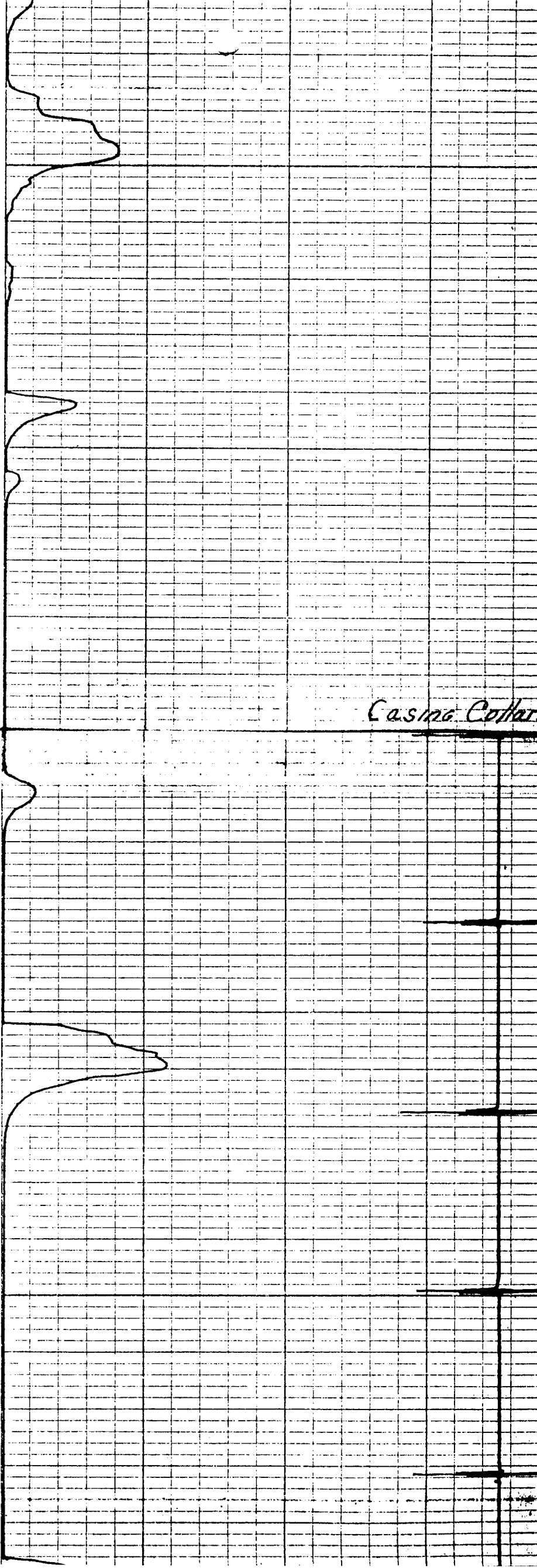
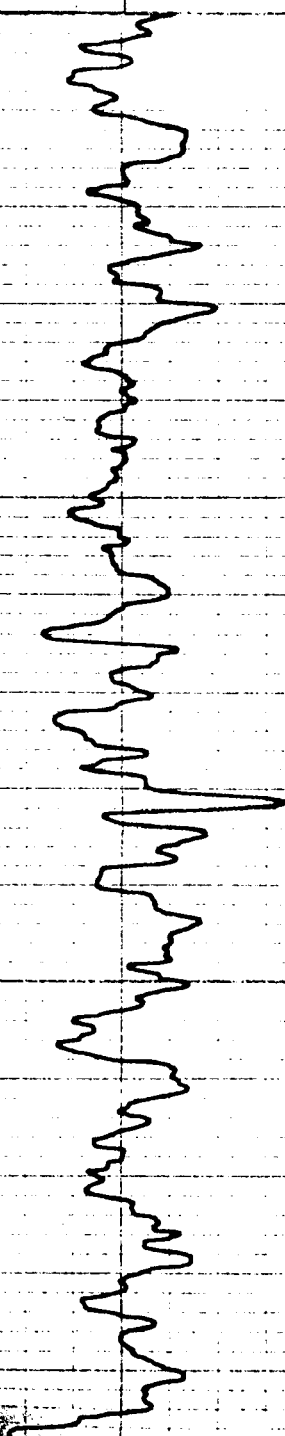
4600

Gamma Ray Correlation

4700

Casing Collar

4800



Shot
Aug 22 '66

15'

159 ft

4900

3 - Diam .53" 3 1/2" 35 Gram strip thru 159
11" penetration
47

160 Jts in

5 1/2 ft/min

* PKR
161 in

3 - .36" diam 1 1/16" glass br wire

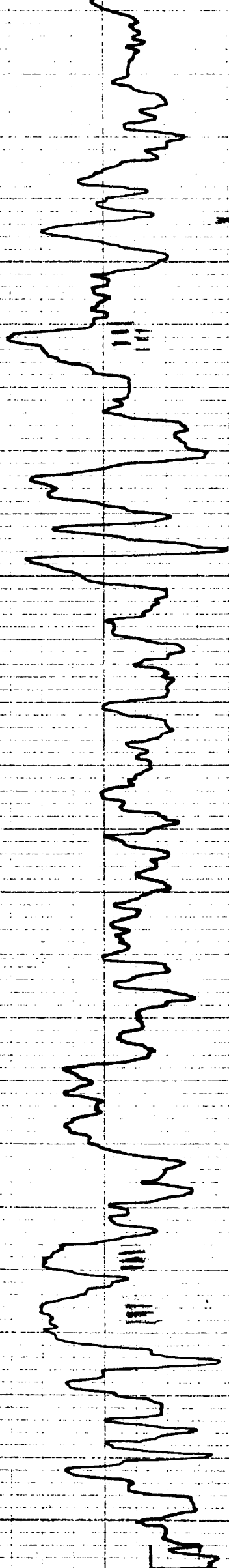
6" penetr. thru 162

4 ft/min

162 in

5000

- wt



166
5100
167

3 same as abv

max 30

5200

708
12
3

.36
.53

38
42.5 to 15.5 to 4.0 to 2.8 to 22.3 down out
to center of trail
and of road

171-31

171.5
172
173

15.5
15.5

5257, 58, 59

172-3

as abv 5265, 66 1/2, 68

5300

TRD 5308
TD 5308

TRD 5305

AR 5' 2.8'

28'

3/95

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149



State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attention: Frank Mathews

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
Attention: Ed Forsman

July 8, 1993

RECEIVED

JUL 09 1993

**DIVISION OF
OIL GAS & MINING**

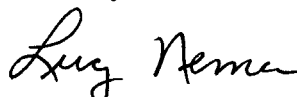
Gilsonite State #13-32
SW/SW Sec 32, T8S, R17E
Gilsonite Unit
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Application for Permit to Drill" for the above referenced location.

If you should have any questions or require additional information, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,



Lucy Nemec
Engineering Secretary

/ln
GOVT\STAPD.DOC

Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐
 b. Type of Well
 Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone ☐
 2. Name of Operator
 LOMAX EXPLORATION COMPANY
 3. Address of Operator
 P.O. Box 1446, Roosevelt, UT 84066 801-722-5103
 4. Location of Well (Report location clearly and in accordance with any State requirements.)*
 At surface 5' FSL 5' FWL SW/SW
 At proposed prod. zone
 14. Distance in miles and direction from nearest town or post office*
 12.9 miles south of Myton (See Map A)
 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 5'
 16. No. of acres in lease 640
 17. No. of acres assigned to this well 20
 18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. approx 512'
 19. Proposed depth 6000'
 20. Rotary or cable tools Rotary
 21. Elevations (Show whether DF, RT, GR, etc.) 5255' Ungraded ground
 22. Approx. date work will start* September, 1993

5. Lease Designation and Serial No.
 ML 22060
 6. If Indian, Allottee or Tribe Name
 7. Unit Agreement Name
 Gilsonite Unit
 8. Farm or Lease Name
 Gilsonite State
 9. Well No.
 #13-32
 10. Field and Pool, or Wildcat
 Monument Butte
 11. Sec., T., R., M., or Blk. and Survey or Area S.L.B.&M.
 Section 32, T8S, R17E
 12. County or Parrish 13. State
 Duchesne Utah
 23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8"	24#	300'	216 sx Class "G" + 2% CaCl ₂
7-7/8"	5-1/2"	17#	TD	348 sx Hilift followed by 428 sks Class "G" w/2% CaCl ₂

TECHNICAL REVIEW

Engr. [Signature] 7/26-93
 Geol. [Signature] 7/20/93
 Surface [Signature] 7/21/93

RECEIVED

JUL 19 1993

DIVISION OF
OIL, GAS & MINING

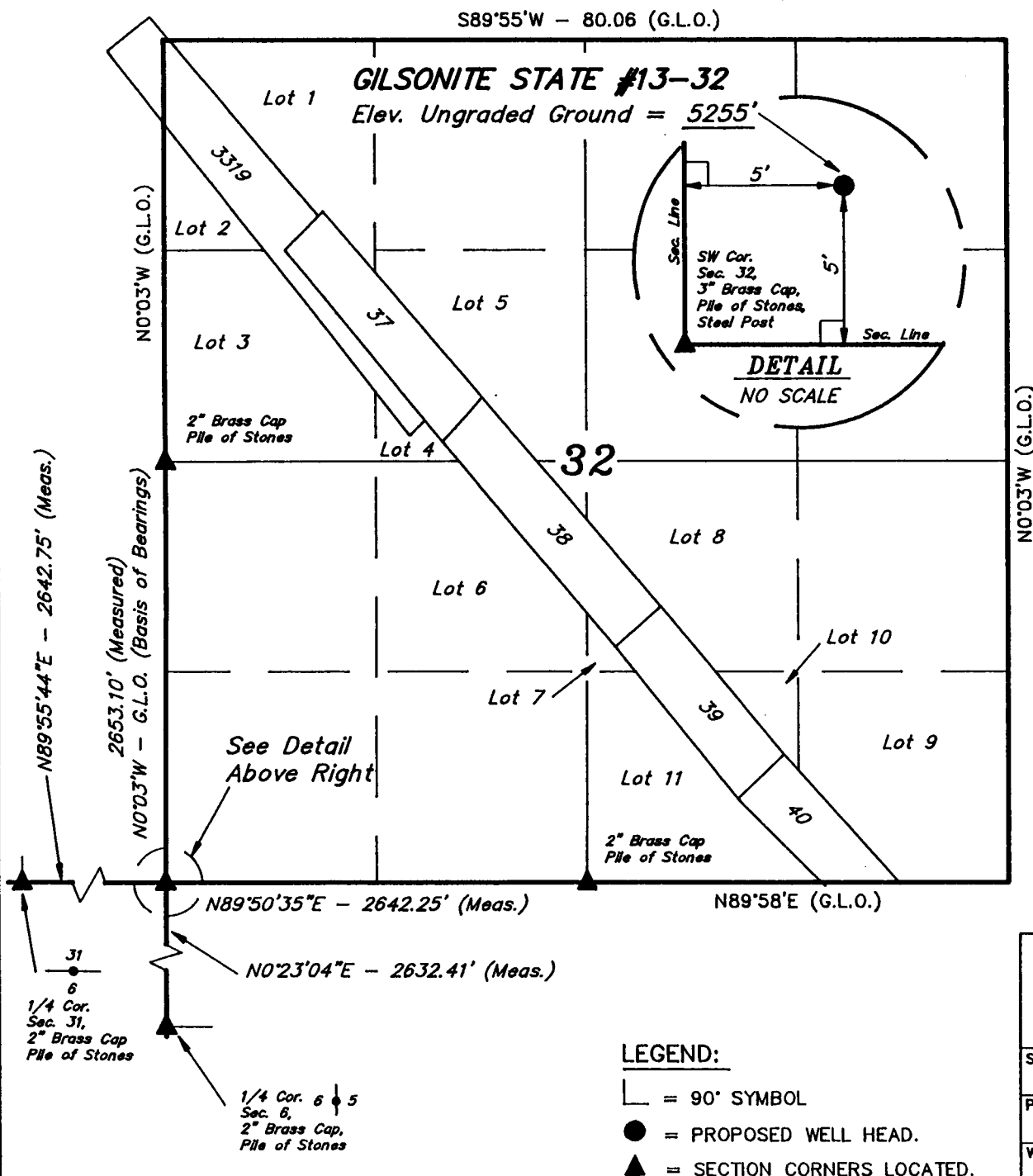
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed [Signature] Title Regional Product [Signature]
 (This space for Federal or State office use)
 Permit No. 13-013-31403 Approval Date 7/26/93
 Approved by [Signature] Title [Signature]
 Conditions of approval, if any: WELL SPACING: 649-3-3

T8S, R17E, S.L.B.&M.

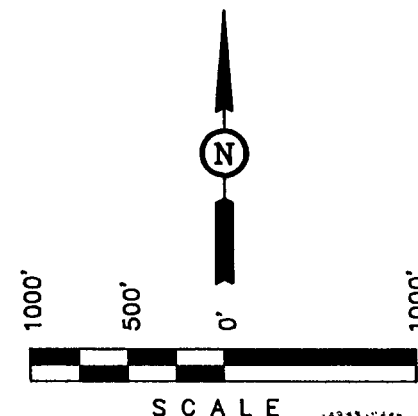
LOMAX EXPLORATION CO.

Well location, GILSONITE STATE #13-32, located as shown in the SW 1/4 SW 1/4 of Section 32, T8S, R17E, S.L.B.&M. Duchesne County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 32, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5255 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 4-23-93	DATE DRAWN: 4-30-93
PARTY J.F. R.A. R.E.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE LOMAX EXPLORATION CO.	

**LOMAX EXPLORATION COMPANY
GILSONITE STATE #13-32
SW/SW Section 32, T8S, R17E
Duchesne County, Utah**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0 - 2770'
Green River	2770'
Wasatch	6000'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 5300' - 5900' - Oil

4. PROPOSED CASING PROGRAM

8 5/8", J-55, 24# w/ST&C collars; set at 300' (New)
5 1/2", J-55, 17# w/LT&C collars; set at TD (New)

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Hydirl Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure test of BOP's will be checked daily.

(See Exhibit F)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the "J" zone and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

**LOMAX EXPLORATION COMPANY
GILSONITE STATE #13-32**

8. TESTING, LOGGING AND CORING PROGRAMS:

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density log. If warranted full bore FMI and NMRIL logs will be run. Rotary diamond sidewall cores may be taken in prospective reservoirs. Logs will run from TD to 3500'. The Cement Bond Log will be run from PBTD to cement top.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

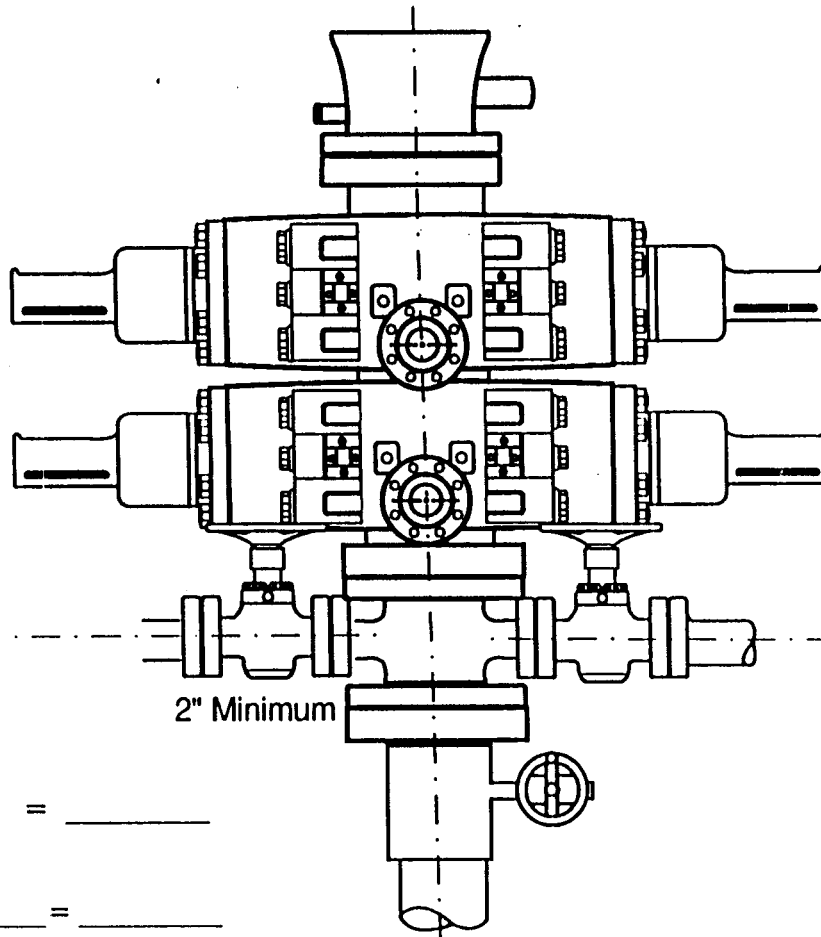
It is anticipated that drilling operations will commence September, 1993 and take approximately ten days to drill.

RAM TYPE B.O.P.

Make:

Size:

Model:

2-M SYSTEM

2" Minimum

GAL TO CLOSE

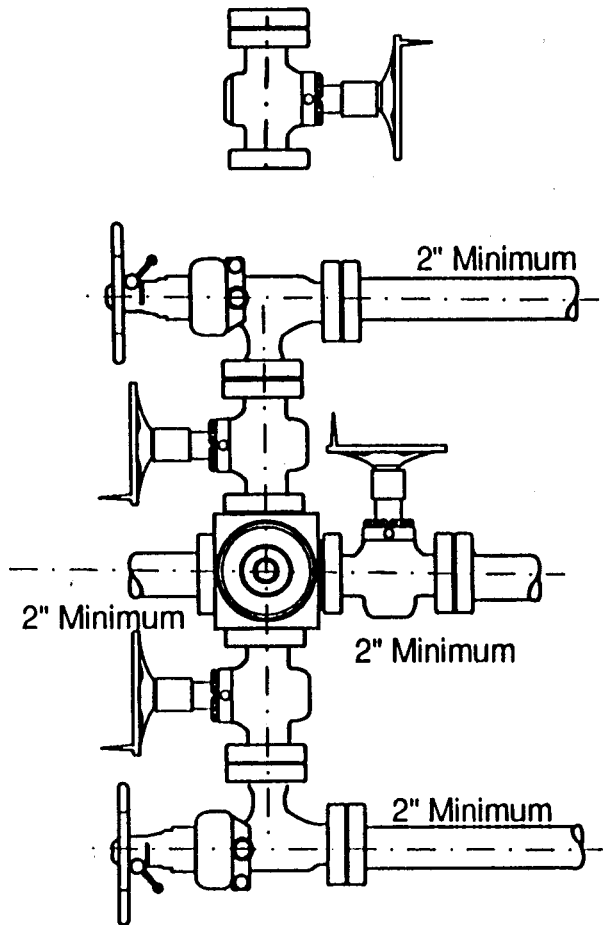
Annular BOP = _____

Ramtype BOP

_____ Rams x _____ = _____

= _____ Gal.

_____ x 2 = _____ Total Gal.



2" Minimum

2" Minimum

2" Minimum

2" Minimum

Rounding off to the next higher
increment of 10 gal. would require

_____ Gal. (total fluid & nitro volume)

JOHNSON WATER DISTRICT

Route 3, Box 3188
Roosevelt, Utah, 84066, 722-2620

JULY 7, 1993

TO WHOM IT MAY CONCERN:

Lomax Exploration Company has purchased a 3 inch water connection with Johnson Water District to supply Monument Butte oilfield.

Johnson Water District has given permission to Lomax Exploration Company to use water from system for the purpose of drilling and completing the Gilsonite State #13-32.

Sincerely,

Doralda Brokaw

Doralda Brokaw/Secretary
Johnson Water District

**LOMAX EXPLORATION COMPANY
GILSONITE STATE #13-32**

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative:

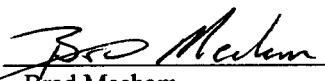
Name: Brad Mecham
Address: P.O. Box 1446
Roosevelt, Utah 84066
Phone No.: (801) 722-5103

Certification:

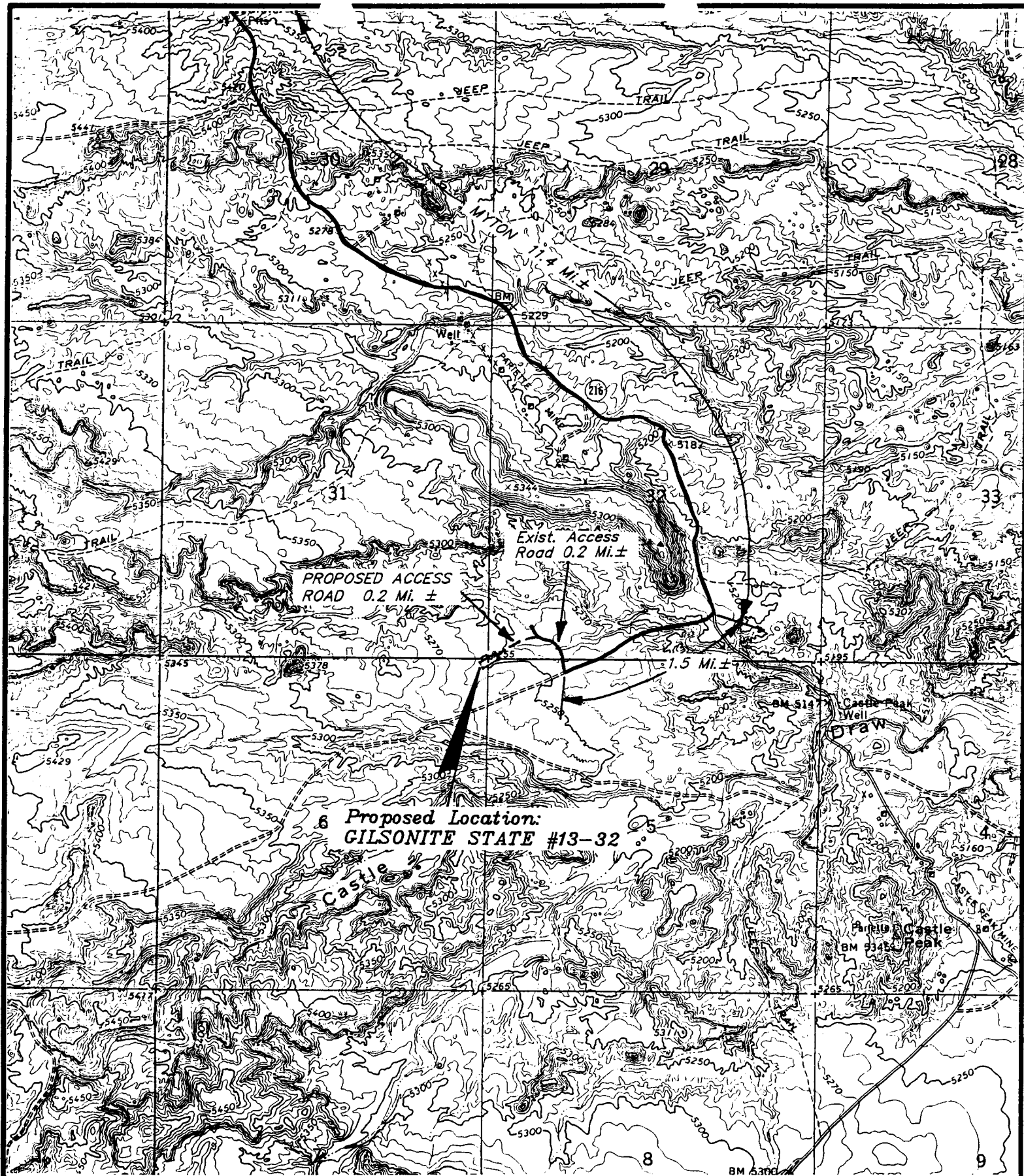
Please be advised that LOMAX EXPLORATION COMPANY is considered to be the operator of Well #13-32; SW/SW Section 32, Township 8S, Range 17E; Lease #ML-22060; Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by Lomax Exploration Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C 1001 for the filing of a false statement.

7/8/93
Date


Brad Mecham
Regional Production Manager

GILSONITE STATE #13-32
SECTION 32, T8S, R17E, S.L.B.&M.



TOPOGRAPHIC
MAP "B"

SCALE: 1" = 2000'

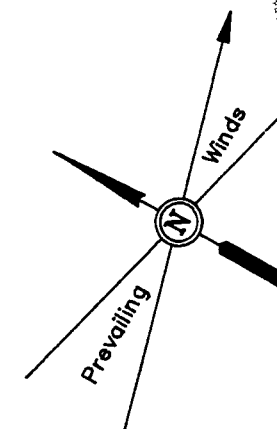
DATE: 4-30-93 J.L.G.



LOMAX EXPLORATION CO.

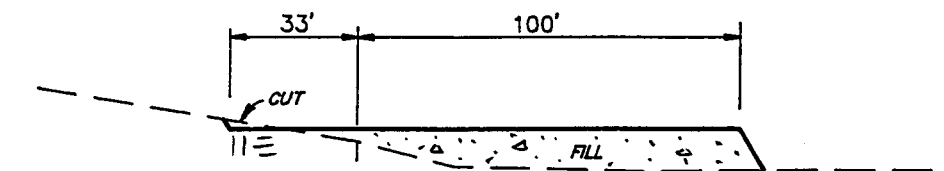
GILSONITE STATE #13-32
SECTION 32, T8S, R17E, S.L.B.&M.

LOMAX EXPLORATION CO.
LOCATION LAYOUT FOR
GILSONITE STATE #13-32
SECTION 32, T8S, R17E, S.L.B.&M.

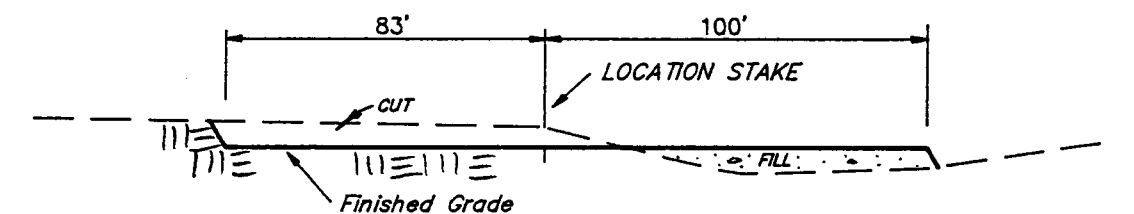


SCALE: 1" = 50'
DATE: 4-29-93
Drawn By: J.R.S.

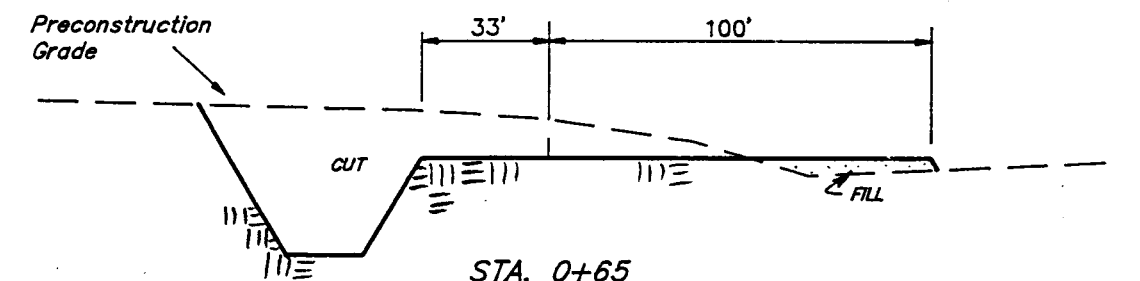
X-Section Scale
1" = 50'



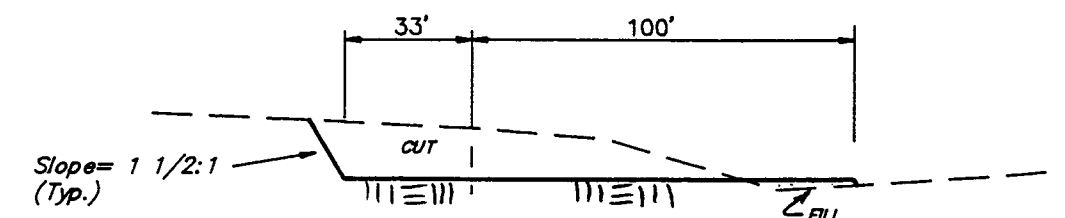
STA. 3+00



STA. 1+50



STA. 0+65



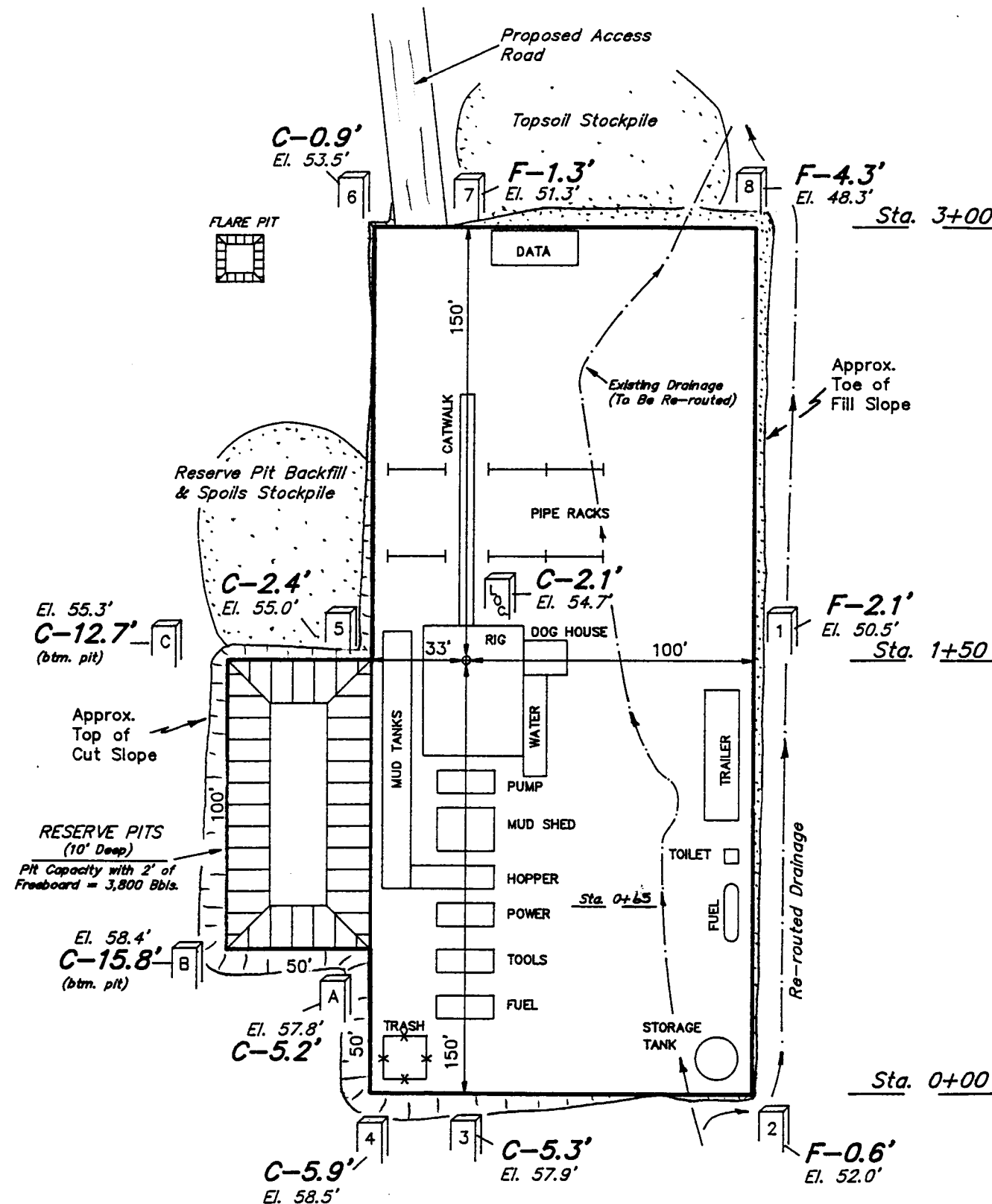
STA. 0+00

TYP. LOCATION LAYOUT
TYP. CROSS SECTIONS

Elev. Ungraded Ground at Location Stake = 5254.7'

Elev. Graded Ground at Location Stake = 5252.6'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East Vernal, Utah



APPROXIMATE YARDAGES

(6") Topsoil Stripping = 830 Cu. Yds.

Remaining Location = 3,240 Cu. Yds.

TOTAL CUT = 4,070 CU.YDS.

FILL = 2,550 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION = 1,390 Cu. Yds.

Topsoil & Pit Backfill
(1/2 Pit Vol.) = 1,380 Cu. Yds.

EXCESS UNBALANCE
(After Rehabilitation) = 10 Cu. Yds.

LOMAX EXPLORATION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

GILSONITE STATE #13-32

GILSONITE UNIT

JULY 9, 1993

RECEIVED

JUL 6 9 1993

DIVISION OF
OIL, GAS & MINING

OPERATOR LOMAX EXPLORATION COMPANY
ADDRESS P.O. Box 1446
Roosevelt, UT 84066

Well name and number: Gilsonite State #13-32

Field or Unit name: Gilsonite Unit Lease no. ML-22060

Well location: QQ SW/SE section 32 township 8S range 17E county Duchesne

Is this application for expansion of an existing project? . . Yes ☐ No ☒

Will the proposed well be used for: Enhanced Recovery? . . Yes ☒ No ☐

Disposal? Yes ☐ No ☒Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☒ No ☐

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☐

Date of test: NA

API number: _____

Proposed injection interval: from * to

Proposed maximum injection: rate 1000 BBLs pressure 2000# psig

Proposed injection zone contains ☒ oil, ☒ gas, and/or ☐ fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: A, A-1, C-1, C-2, C-3, D, E, E-1, E-2, E-3

I certify that this report is true and complete to the best of my knowledge.

Name Brad Mecham

Signature Dr. Medow

Title Regional Production Manager

Date 7/15/93

Phone No. (801) 722-5103

(State use only)

Application approved by _____ Title _____

Approval Date _____

Comments: * The proposed injection interval will be the "C" & LDC sands. Exact depth to be determined after drilling the well.


EXHIBIT D

RE: Application for Approval of Class II Injection Well
Gilsonite State #13-32

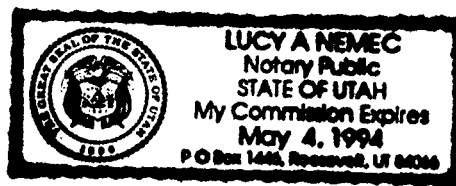
I certify that a copy of the application has been provided to all surface owners within a one-half mile radius of the proposed injection well.


LOMAX EXPLORATION COMPANY
By Brad Mechem, Regional Production Manager

Sworn to and subscribed before me the 8th day of July 1993.


Notary Public in and for the State of Utah

Printed Name: Lucy Nemec
My Commission Expires: 5/4/94



**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1) Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2) A request for agency action for authority for the injection of gas, liquefied petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:

2.1. *The name and address of the operator of the project;*

Answer: Lomax Exploration Company
P.O. Box 1446
W. Poleline Road
Roosevelt, Utah 84066

2.2. *A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile radius of the project area;*

Answer: Reference Exhibit A.

2.3. *A full description of the particular operation for which approval is requested;*

Answer: To approve the drilling and the injecting into a new well in the proposed Gilsonite Unit.

2.4. *A description of the pools from which the identified wells are producing or have produced;*

Answer: The proposed injection well will inject into the Green River Formation.

2.5. *The names, description and depth of the pool or pools to be affected;*

Answer: The green River Formation pool targeted for injection is the "C" and LDC sands with a gamma ray derived top as follows: In the #7-32 "C" sand @ 4950'; LDC @ 5390'.
The injection zones are a porous and permeable lenticular calcareous sandstone. The porosity of the sandstone is inter granular. The confining impermeable stratum directly above and below the injection zones are composed of tight, moderately calcareous lacustrine shales.

2.6. *A copy of a log of a representative well completed in the pool;*

Answer: Referenced log State #7-32 is currently on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

2.7. *A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily;*

Answer: Culinary water from Johnson Water District supply line.
Estimated Injection rate: To be determined upon conversion.

2.8. *A list of all operators or owners and surface owners within a one-half mile radius of the proposed project;*

Answer: Reference Exhibit A-1 & A-2.

2.9. *An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection;*

Answer: Reference Exhibit D.

2.10. *Any additional information the Board may determine is necessary to adequately review the petition.*

Answer: Lomax will supply any additional information requested by the Bureau.

4.0. *Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the board after notice and hearing or by administrative approval.*

Answer: This proposed injection well is within the proposed GILSONITE UNIT and the request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE
AND ENHANCED RECOVERY WELLS
SECTION V - RULE 615-5-2**

- 1) Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2) The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:

2.1. *A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well;*

Answer: Reference Exhibit A & A-1.

2.2. *Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity;*

Answer: All logs will be filed upon completion of the well.

2.3. *A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented:*

Answer: A copy of the cement bond log will be filed.

2.4. *Copies of logs already on file with the Division should be referenced, but need not be refiled;*

Answer: There are no copies at this time on file.

2.5. *A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well;*

Answer: The proposed casing program is 8-5/8" surface casing run to 300'; 5-1/2" casing from surface to TD. A casing integrity test will be preformed before injection starts

2.6. *A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.*

Answer: Culinary water from Johnson Water district supply line.
Estimated injection rate: To be determined upon conversion.

2.7. *Standard laboratory analysis of (1) the fluid to be injected, (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids.*

Answer: Reference Exhibits C1, C2, and C3. (Samples taken from the Gilsonite State #7-32.)

2.8. *The proposed average and maximum injection pressures;*

Answer: Average injection pressure: will be determined upon conversion by a step-rate test. Maximum injection pressure will be 2000#.

- 2.9. *Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata;*

Answer: The frac gradients for the field average to be 0.84 psig/ft. The maximum injection pressures will be kept below this gradient.

- 2.10. *Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent;*

Answer: The injection zones are the "C" and LDC sandstone reservoir found within the Douglas Creek Member of the Green River Formation. The reservoirs are a very fine grain sandstone with minor interbedded shale streaks. The top of the LDC is estimated at approximately 4800'. The estimated average porosity is 14%; the estimated fracture pressure is 2300 psi.

In the surrounding wells, the upper confining zones are approximately 50' - 100' and are made up of alternating beds of shale, marlstone and limestone with a total of 50'-100' of effectively non porous material. Lower confining zones are 200'-300' of effective non porous material. This interval is made up of alternating beds of shale, silt stone and limestone. None of these beds have been identified as reservoirs and they are considered as part of the Douglas Creek Member of the Green River Formation. An estimated frac pressure would be 2300#.

- 2.11. *A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals;*

Answer: Exhibits E, E-1, E-2 & E-3.

The injection system will be equipped with high and low pressure shut-down devices which will automatically shut-in injection waters if a system blockage or leakage occurs. One way check valves will also insure proper flow management. Relief valves will also be utilized for high pressure relief.

- 2.12. *An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well;*

Answer: Exhibit D.

- 2.13 *Any other additional information that the Board or Division may determine is necessary to adequately review the application.*

Answer: Lomax exploration will await review of this application and additional information will be submitted if required.

- 3) Applications for injection wells which are within a recovery project area will be considered for approval.

3.1. Pursuant to Rule 615-5-1-3

3.2. Subsequent to Board approval of a recovery project pursuant to Rule 615-5-1-3.

- 4) Approval of an injection well is subject to the requirements of Rule 615-5-4, if the proposed injection interval can be classified as an USDW.

- 5) In addition to the requirements of this section, the provisions of Rule 615-3-1, R615-3-4, R615-3-24, R615-3-32, R615-8-1 and R615-10 apply to all Class II injection wells.

LEGEND

- PROPOSED INJECTOR ●
- OIL WELL - - - - - ●
- DRY HOLE - - - - - ◇
- ABN. OIL WELL - - - - - ◆
- SHUT IN GAS WELL - - - - - *
- LOCATION - - - - - ○

SCALE 1:24000

Date: 6/93 EXHIBIT A by: B MECHAM

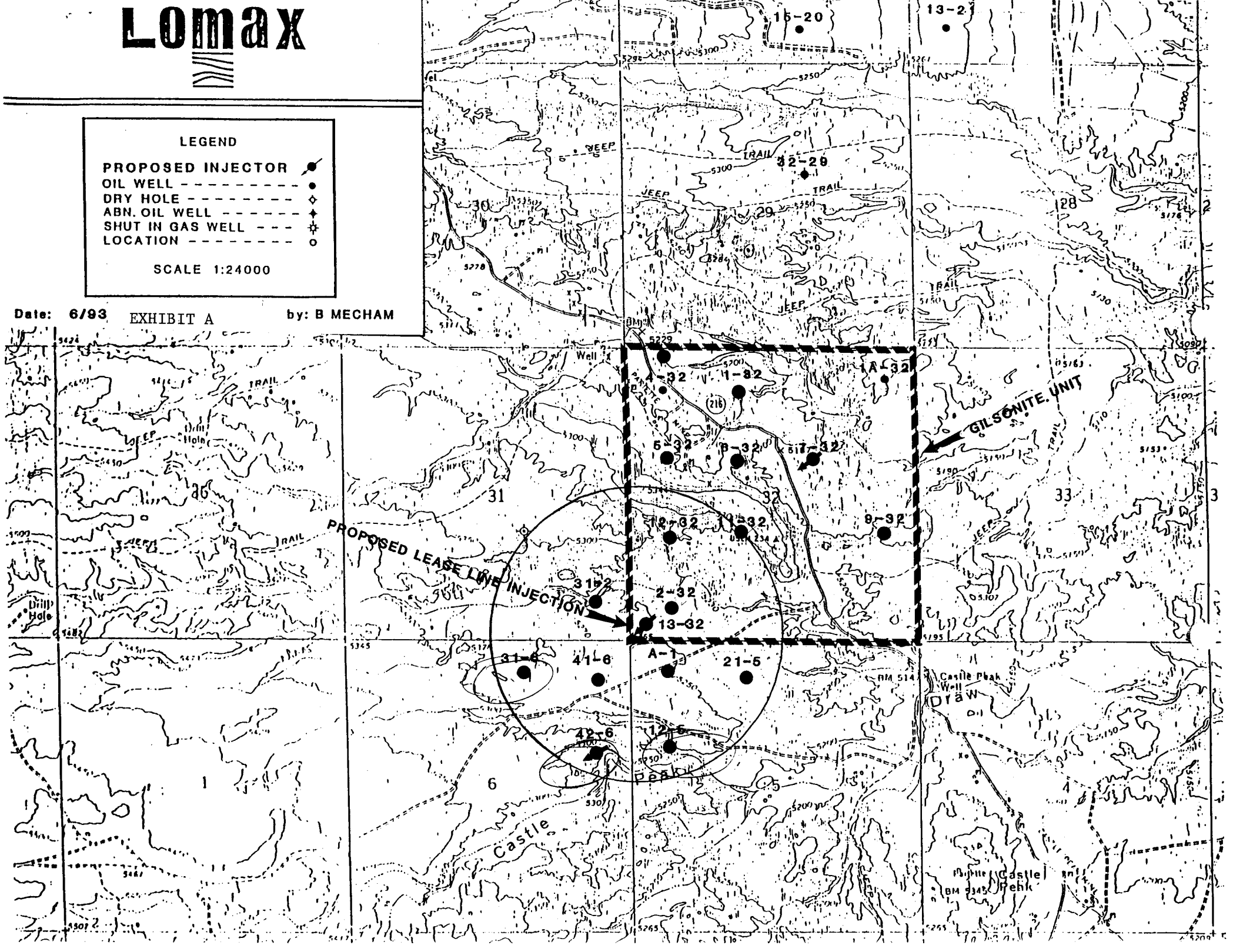


EXHIBIT A-1

200.00	113.64
7-1-91	8-1-86
ENSERCH	WILLIAMS
U-45025	MARTIN
	JUDSON
	ANDERSON

T8S R17E

PACIFIC TRANS
32-29

14,245

U-33995

30

29

28

ROMAN
EXPLORATION
COMPANY

GILSONITE

Duchesne County, Utah

LEEND

FULL INTEREST LEASE

PARTIAL INTEREST LEASE

AREA OF MUTUAL INTEREST

UNIT BOUNDARY

SEE NOTES FOR MORE INFORMATION..... --△

NET ACRES / GROSS ACRES.....160/320

FARMHOUSE ACRES: _____

WELL LOCATION.....0

On Bill

645 M01.....

DAY NO. 1

On 648 Writ

SUSPENDED OPERATION \$

ABANDONED BILLS..... 1

REF ID: A61119

SAUT IN 648 HELL.....

SURFACE OWNERS

STATE

T8S, R17E, Sec. 32

FEDERAL

T8S, R17E, Sec. 31

T9S, R17E, Sec. 5

T9S, R17E, Sec. 6

OPERATORS

Wildrose Resources

T8S, R17E, Sec. 31 SE/SE

Lomax Exploration Co.

T8S, R17E, Sec. 32

Equitable Resources Energy/

Balcron Oil Company

T9S, R17E, Sec. 5 NW

T9S, R17E, Sec. 6 NE

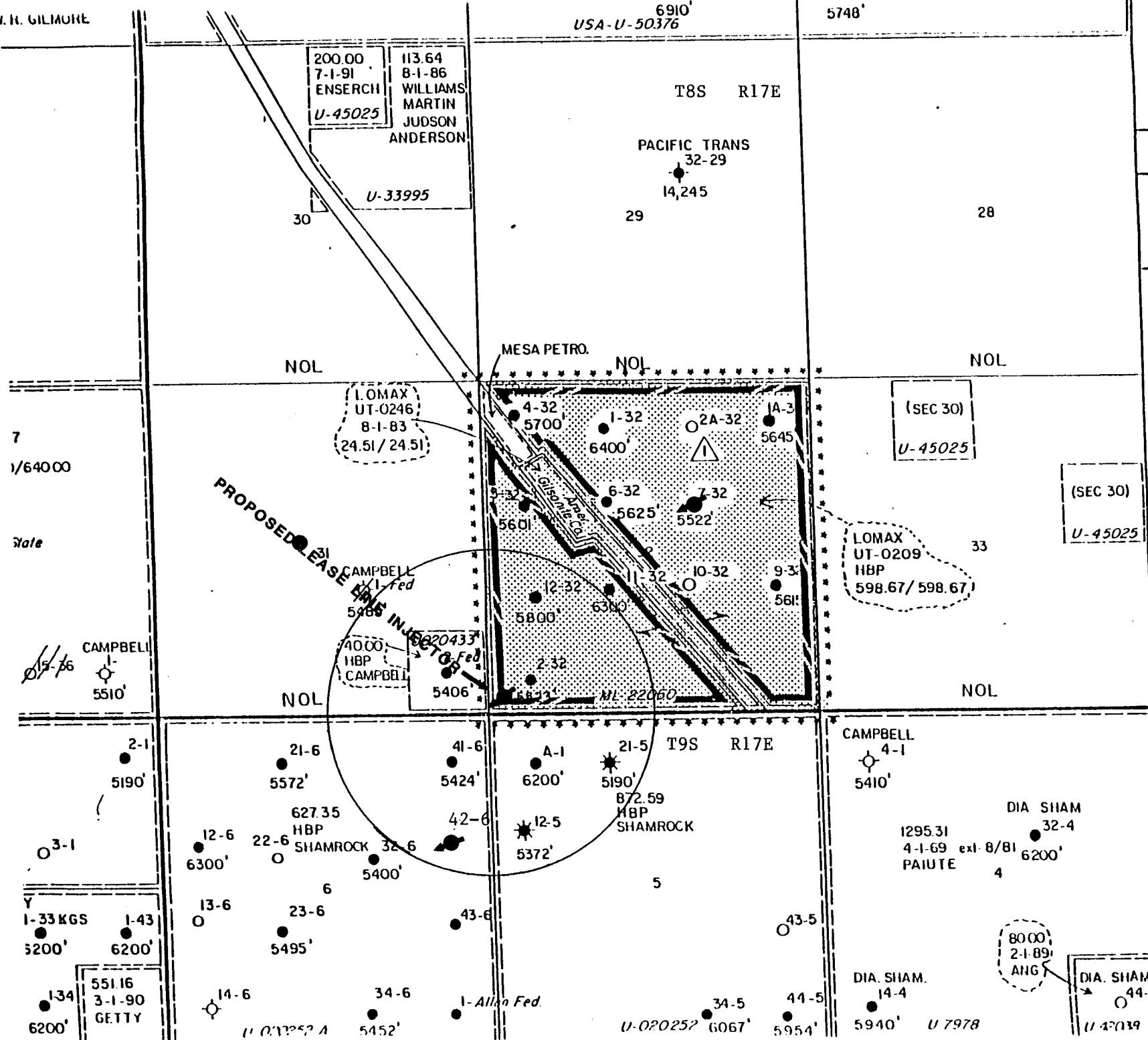


EXHIBIT A-2

SURFACE OWNERS, OWNERS AND OPERATORS WITHIN A ONE-HALF RADIUS OF THE
GILSONITE STATE #13-32

State of Utah - Division of Oil, Gas & Mining
Attention: Dan Jarvis
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

EPA
UIC Implementation Section
Drinking Water Branch (8WM-DW)
Attention: Emmett Schmitz
999 18th Street, Suite 500
Denver, CO 80202-2405

Bureau of Land Management
Attention: Ed Forsman
170 South 500 East
Vernal, UT 84078

Bureau of Indian Affairs
Uintah & Ouray Agency
P.O. Box 130
Ft. Duchesne, UT 84026

Equitable Resources Energy
300 Grant Street
Pittsburgh, PA 15219

Balcron Oil Company
Attention: Steve Durette
P.O. Box 21017
1601 Lewis Ave. Bldg.
Billings, Montana 59104

Ms. Carol J. Bibler
2477 I Rd.
Grand Junction, CO 81505

Leslie J. Breaux
3505 SE Martins
Portland, OR 97202

RECEIVED

JUL 09 1993

**DIVISION OF
OIL GAS & MINING**

Mr. Larry R. Simpson
Box 1195
Kalispell, MT 59903

Vaughey & Vaughey
1840 Capital Towers
Jackson, MS 39201

Ms. Bonnie B. Warne
626 Cave Road
Billings, MT 59101

Mr. John R. Warne
626 Cave Road
Billings, MT 59101

Wildrose Resources
2555 Cherryridge Road
Englewood, CO 80110

WRC 91 Ltd.
2555 Cherryridge Road
Englewood, CO 80110



P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

WATER ANALYSIS REPORT

COMPANY LOMAX ADDRESS _____ DATE: _____
SOURCE JOHNSON WATER DATE SAMPLED 3-26-92 ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. PH <u>8.1</u>		
2. H ₂ S (Qualitative) <u>1.5</u>		
3. Specific Gravity <u>1.004</u>		
4. Dissolved Solids <u>1058</u>		
5. Suspended Solids _____		
6. Anaerobic Bacterial Count <u>CI</u> C/Ml		
7. Methyl Orange Alkalinity (CaCO ₃) _____		
8. Bicarbonate (HCO ₃) <u>610</u> ÷ 61 <u>10</u> HCO ₃		
9. Chlorides (Cl) <u>100</u> ÷ 35.5 <u>3</u> Cl		
10. Sulfates (SO ₄) <u>40</u> ÷ 48 <u>1</u> SO ₄		
11. Calcium (Ca) <u>64</u> ÷ 20 <u>3</u> Ca		
12. Magnesium (Mg) <u>14</u> ÷ 12.2 <u>1</u> Mg		
13. Total Hardness (CaCO ₃) <u>220</u>		
14. Total Iron (Fe) <u>.7</u>		
15. Barium (Qualitative) _____		
16. Phosphate Residuals _____		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		<u>3</u>		<u>243</u>
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		<u>1</u>		<u>73</u>
Mg SO ₄	80.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		<u>6</u>		<u>504</u>
Na ₂ SO ₄	71.03		<u>1</u>		<u>70</u>
Na Cl	58.46		<u>3</u>		<u>175</u>

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____



P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

WATER ANALYSIS REPORT

COMPANY LOMAX ADDRESS _____ DATE: _____

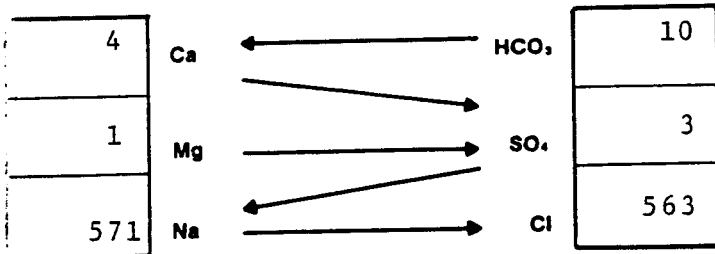
SOURCE 7-32 DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. PH <u>8.1</u>		
2. H ₂ S (Qualitative) <u>1.0</u>		
3. Specific Gravity <u>1.017</u>		
4. Dissolved Solids <u>33,954</u>		
5. Suspended Solids _____		
6. Anaerobic Bacterial Count <u>CI</u> C/MI		
7. Methyl Orange Alkalinity (CaCO ₃) _____		
8. Bicarbonate (HCO ₃) <u>610</u> ÷61 <u>10</u> HCO ₃		
9. Chlorides (Cl) <u>20,000</u> ÷35.5 <u>563</u> Cl		
10. Sulfates (SO ₄) <u>120</u> ÷48 <u>3</u> SO ₄		
11. Calcium (Ca) <u>72</u> ÷20 <u>4</u> Ca		
12. Magnesium (Mg) <u>19</u> ÷12.2 <u>1</u> Mg		
13. Total Hardness (CaCO ₃) <u>260</u>		
14. Total Iron (Fe) <u>2.4</u>		
15. Barium (Qualitative) _____		
16. Phosphate Residuals _____		

*All equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04				324
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		1		73
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		5		420
Na ₂ SO ₄	71.03		3		213
Na Cl	58.46		563		32913



Saturation Values

Distilled Water 20°C

Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____



A Procter & Gamble Co.

P.O. Box 217
Roosevelt, Utah 84066Office (801) 722-5066
Fax (801) 722-5727**WATER ANALYSIS REPORT**

COMPANY LOMAX ADDRESS _____ DATE: _____
 SOURCE COMBINED JOHNSON 7-32 DATE SAMPLED 3-26 ANALYSIS NO. _____

Analysis	Mg/l (ppm)	*Meq/l
1. PH <u>8.1</u>		
2. H ₂ S (Qualitative) <u>1.0</u>		
3. Specific Gravity <u>1.003</u>		
4. Dissolved Solids <u>5841</u>		
5. Suspended Solids _____		
6. Anaerobic Bacterial Count <u>CI</u> C/MI		
7. Methyl Orange Alkalinity (CaCO ₃) _____		
8. Bicarbonate (HCO ₃) <u>610</u> ÷61 <u>10</u> HCO ₃		
9. Chlorides (Cl) <u>3000</u> ÷35.5 <u>85</u> Cl		
10. Sulfates (SO ₄) <u>50</u> ÷48 <u>1</u> SO ₄		
11. Calcium (Ca) <u>64</u> ÷20 <u>3</u> Ca		
12. Magnesium (Mg) <u>24</u> ÷12.2 <u>2</u> Mg		
13. Total Hardness (CaCO ₃) <u>260</u>		
14. Total Iron (Fe) <u>.7</u>		
15. Barium (Qualitative) _____		
16. Phosphate Residuals _____		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

3	Ca	←	HCO ₃	10	Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
2	Mg	→	SO ₄	1	Ca (HCO ₃) ₂	81.04		3		243
91	Na	→	Cl	85	Ca SO ₄	68.07				
					Ca Cl ₂	55.50				
					Mg (HCO ₃) ₂	73.17		2		146
					Mg SO ₄	60.19				
					Mg Cl ₂	47.62				
					Na HCO ₃	84.00		5		420
					Na ₂ SO ₄	71.03		1		71
					Na Cl	58.46		85		4969

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____

7/6/93

EXHIBIT E

SURFACE CASING

WELL NAME	STATUS	SECTION TOWNSHIP		FOOTAGE	ELEVATION	SPUD			PERFS	HOLE		CEMENT			
		RANGE				DATE	TD	P8TD		SIZE	CASING	WT	DEPTH	SKS	TYPE
STATE #2-32		SW/SW SEC 32 T8S - R17E		517 FSL 686 FWL	5258'KB	12/20/81	5523'	5470'	5274-84,5123-35,51-55, 4943-48,51-61,4234-47, 4264-76	12-1/4	8-5/8	24#	298'	TO SURF	
STATE #11-32	SI	NE/SW SEC 32 T8S - R17E		1834 FWL 1936 FSL	5164'KB	9/19/82	6300'	6235'	5411,13,5143-47,4994-96, 5002-08,4580-88,4378-85, 4396-4416	12-1/4	8-5/8	24#	315'	210	G
STATE #12-32	POW	NW/SW SEC 32 T8S - R17E		767 FWL 1891 FSL	5262'KB	11/02/83	5800'	5739'	5295-5311,5148-62,4956-97 5365-5377, 5454-5468	13	8-5/8	24#	289'	210	G
GOVT #31-2	POW	SE/SE SEC 31 T8S - R17E		660 FSL 660 FEL	5265'	7/29/66	5406'		4900-03,4956-59,5110-13 5257-59,5266-69		13-3/8 8-5/8		14' 168'	10 87	CMT CMT
ALLEN FED #41-6	POW	NE/NE SEC 6 T9S - R17E		761 FNL 655 FEL	5276'GR	7/18/81	5424'	5418'	4281-85,4314-18,4750-4764 4912-4938,5062-68, 5236-5247,5256-5260	12-1/4	8-5/8	24#	281'	190	CMT
ALLEN FED #A-1	TA	NW/NW SEC 5 T9S - R17E		660 FNL 660 FWL	5263'KB	1/19/65	6200'		4232-35,4242-46,4916-19, 5074-77,5216-20		8-5/8		240'	125	CMT
ALLEN FED #21-5	POW	NE/NW SEC 5 T9S - R17E		660 FNL 1980 FWL	5247'KB	12/16/81	5400'	5400'	4194-4212,4803-30,5064-83 5234-66	12-1/4	8-5/8	24#	255'KB	210	CMT
ALLEN FED #31-6	POW	NW/NE SEC 6 T9S - R17E		660 FNL 1980 FEL	5295'GR	9/28/87	6054'	5913'	5235-56 5050-56	12-1/4	8-5/8	24#	253'	210	G
ALLEN FED #42-6	WIW	SE/NE SEC 6 T9S - R17E		1806 FNL 921 FEL	5308.6'	10/13/92	5800'	5772'	4757,4760,4907,4911,4915, 4919,4923,4927,5065,5068	12-1/4	8-5/8	24#	259'	150	G
ALLEN FED #12-5	POW	SW/NW SEC 5 T9S - R17E		1830 FNL 511 FWL	5239'GR	11/11/81	5372'	5313'	2825-2835,4172-82,4842-62 5010-18,5146-60	12-1/4	8-5/8	24#	264'	200	CMT

EXHIBIT E

7/6/93

PRODUCTION CASING

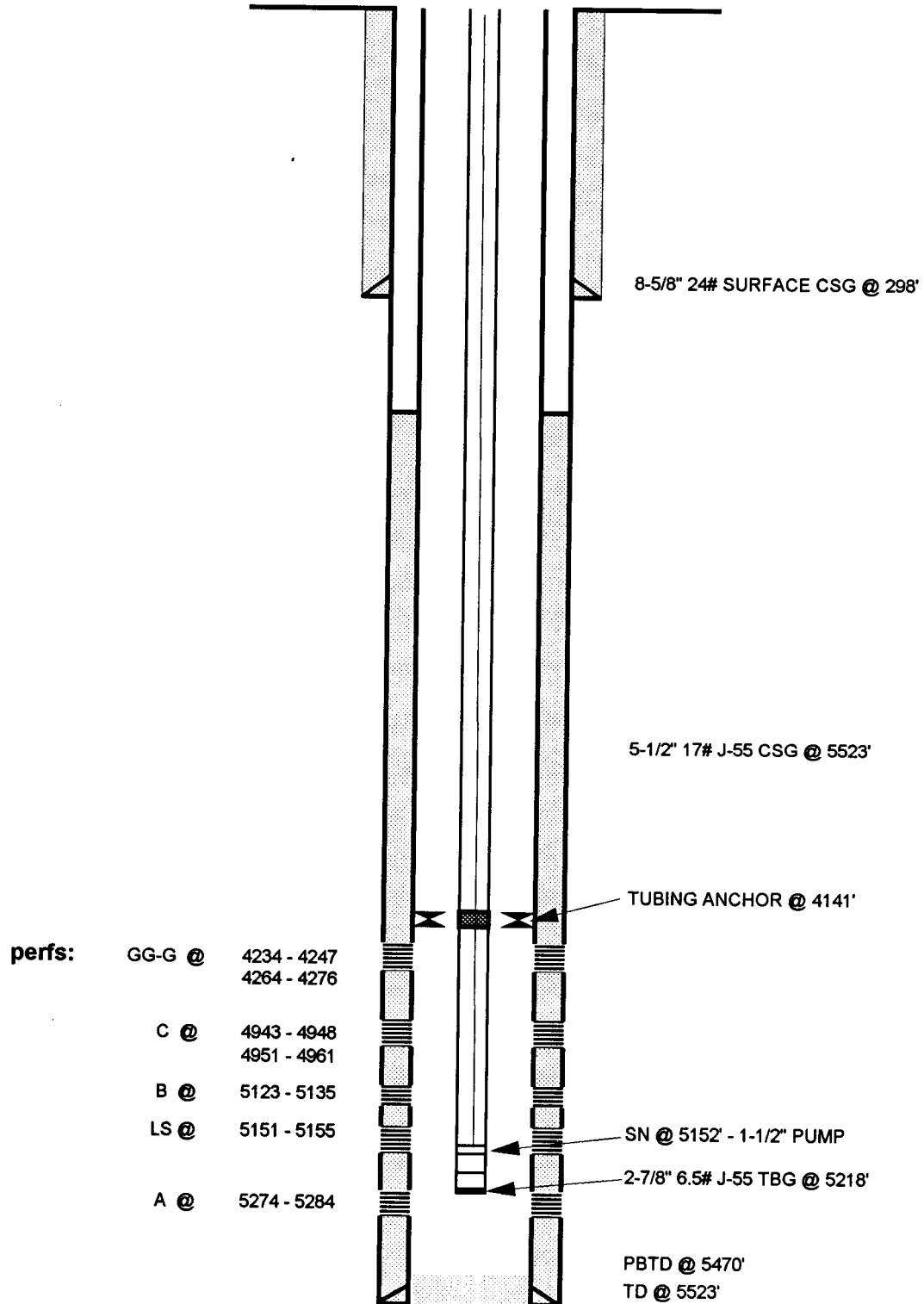
WELL NAME	HOLE SIZE	CASING WT	DEPTH	CEMENT SKS	CEMENT TYPE	CEMENT TOP	REMARKS
STATE #2-32	7-7/8	5-1/2	15.5#	5523'	485	50/50 POZMIX	NA 4943-5284: 46,500 gals gelled diesel, 85,000# 20/40 sd 4234-4276: 25,000 gals gelled 3% KCL wtr, 70,000# 20/40 sd, 20,000# 12
STATE #11-32	7-7/8	5-1/2	17#	6285'	575	POZMIX	3250' 4994-5413: 32,780 gals gelled 3% KCL wtr, 71,400# 20/40 sd 4580-4588: 20,856 gals gelled 3% KCL wtr, 46,780# 20/40 sd 4378-4416: 36,000 gals gelled 3% KCL wtr, 104,000# 20/40 sd
STATE #12-32	7-7/8	5-1/2	17#	5782'	300	Thixo- tropic	3840' 5295-5311: 23,800 gals gelled 5% KCL wtr, 76,640# 20/40 sd 5148-5162: 24,000 gals gelled 5% KCL wtr, 78,000# 20/40 sd 4956-4997: 35,000 gals gelled 5% KCL wtr, 70,000# 20/40 sd 5365-5468: 23,315 gals gelled fluid, 21,100# 20/40 sd, 41,100# 16/30 sd
GOVT #31-2	4-1/2		5355'	224	CMT		4900-5269: Acidized, fract
ALLEN FED #41-6	5-1/2	15.5#	5418'	945	CMT		4281-4318: 33,440 gals Ver 1500 w/65,000# 16/30 sd 5062-5068: 19,000 gals Ver 1500 w/30,000# 20/40 sd 4750-5260: 4,500 gals 7-1/2 WEC-1; 90,000 gals APPL0-40, 180,000# sd
ALLEN FED #A-1	4-1/2	11.60#	5326'	500	50/50 POZ		4281-5260: 250 gals mud acid; 20 gals 15% acid+20 lbs J-133/1000 gals 50,000# sd, 43,000 gals wtr; 3000 lbs 8-12 mesh beads in 3,000 g
ALLEN FED #21-5	5-1/2		5539'KB	510	CMT		5234-5266: 981 bbls 15% Acid Gel 5064-5083: 715 bbls 15% Acid Gel 4803-4830: 873 bbls 15% Acid Gel 4194-4212: 671 bbls 15% Acid Gel
ALLEN FED #31-6	5-1/2	15.5#	6052'	570	G		5235-5256: 38,500 gals w/86,500# 16/30 sd 5050-5056: 34,000 gals w/56,740# 16/30 sd
ALLEN FED #42-6	5-1/2	15.5#	5799'	664	G		4757-5068: 750 gals 15% HCL, 51,670# 16/30 sd. Converted to WIW 12/12/93. RBP @ 4800', PKR @ 4699'KB
ALLEN FED #12-5	5-1/2	15.5#	5365'	1050	CMT		5146-5161: 1500g Acid, 51,900g gel, 72,500# sd 5010-5018: 1000g Acid, 24,370g gel, 21,300# sd 4842-4862: 2000g Acid, 40,000g gel, 72,000# sd 4172-4182: 1000g Acid, 46,000g gel, 72,500# sd

RECEIVED

JUL 6 9 1993

DIVISION OF
OIL GAS & MINING

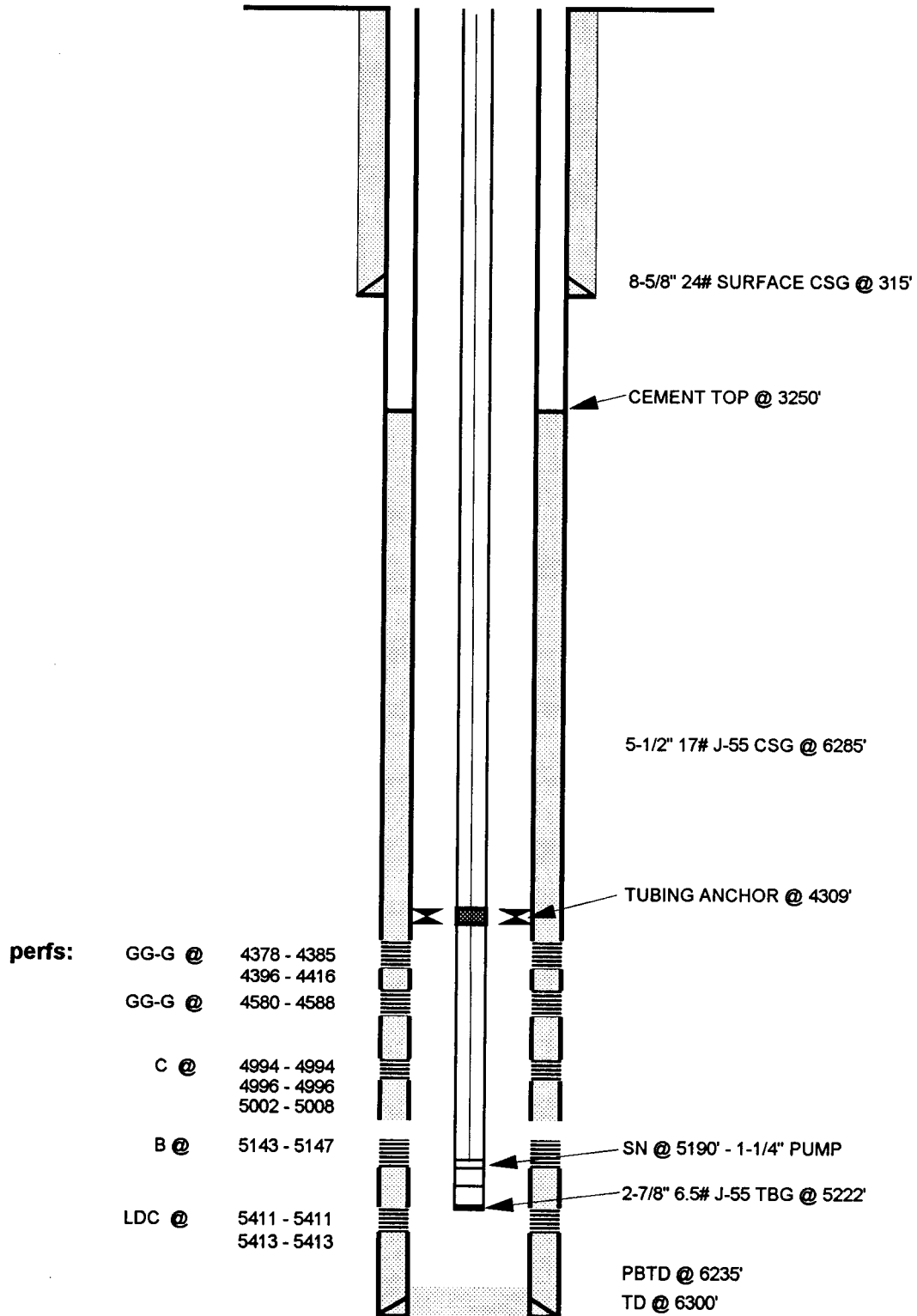
GILSONITE STATE #2-32
SW/SW SECTION 32, T8S, R17E
DUCHESNE COUNTY, UTAH



LN 6/6/93

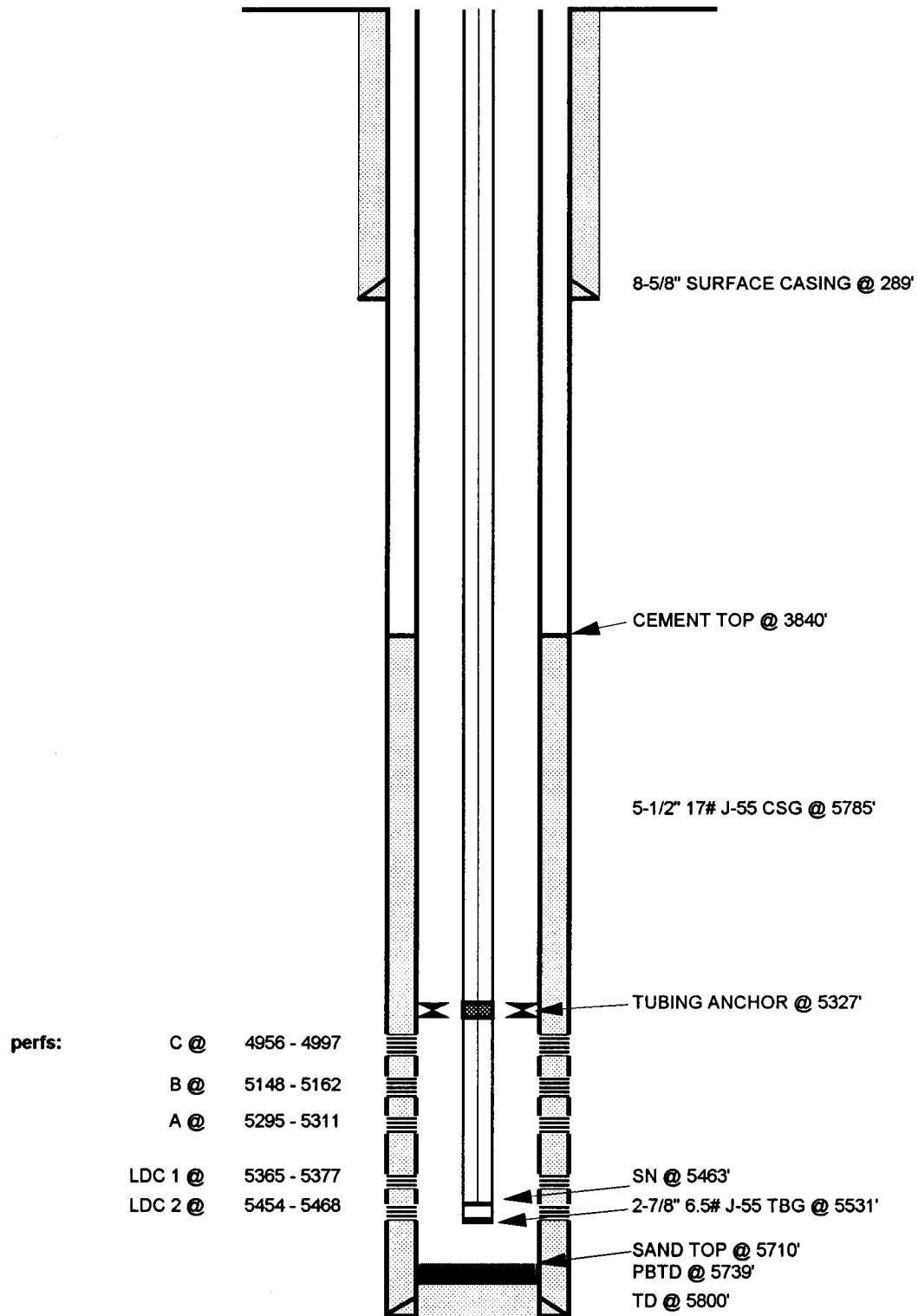
EXHIBIT E-1

GILSONITE STATE #11-32
SE/SW SECTION 32, T8S, R17E
DUCHESNE COUNTY, UTAH



LN 6/6/93

GILSONITE STATE #12-32
NW/SW SECTION 32, T8S, R17E
DUCHESNE, UTAH
 (AFTER LDC SAND COMPLETION)



LN 6/23/93

EXHIBIT E-3

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: / /

OPERATOR: LOMAX EXPLORATION COMPANY
WELL NAME: GILSONITE STATE 13-32

OPERATOR ACCT NO: N- 1580

API NO. ASSIGNED: 43-013-31403

LEASE TYPE: STA LEASE NO: ML-22060
LOCATION: SWSW 32 - T08S - R17E DUCHESNE COUNTY
FIELD: MONUMENT BUTTE FIELD CODE: 105

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond
(Number statute)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number see file)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

☐ R649-2-3. Unit: _____
☐ R649-3-2. General.
☒ R649-3-3. Exception.
☐ Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS:

STIPULATIONS:

1. The 5 1/2" casing must be cemented to the surface.
 2. BLM should be consulted about pit liner requirements.
 3. Existing drainage is to be diverted around location.
- cc. Duchesne assessor
state lands

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149



July 8, 1993

RECEIVED

JUL 21 1993

DIVISION OF
OIL, GAS & MINING

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attention: Frank Mathews

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
Attention: Ed Forsman

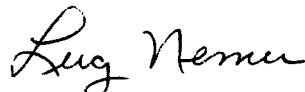
Gilsonite State #13-32
SW/SW Sec 32, T8S, R17E
Gilsonite Unit
Duchesne County, Utah

Gentlemen:

Please find enclosed copies of the cut sheets that need to be attached to the APD submitted for the above referenced location. They were inadvertently left out when the application was sent.

If you should have any questions or require additional information, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,



Lucy Nemec
Engineering Secretary

/In
GOVTSTAPD.DOC

Enclosure

NOTICE OF STAKING Not to be used in place of Application for Permit to Drill (Form 3160-3)		6. Lease Number ML-22060			
1. Oil Well _____ Gas Well _____ Other (Specify) Water Injector		7. If Indian, Allottee or Tribe Name			
2. Name of Operator: LOMAX EXPLORATION COMPANY		8. Unit Agreement Name Gilsonite Unit			
3. Name of Specific Contact Person: Brad Mecham		9. Farm or Lease Name Gilsonite State			
4. Address & Phone No. of Operator or Agent 722-5103 P.O. Box 1446, Roosevelt, UT 84066		10. Well No. #13-32			
5. Surface Location of Well 5' FSL 5' FWL SW/SW		11. Field or Wildcat Name Monument Butte			
Attach: a) Sketch showing road entry onto pad, pad dimensions, and reserve pit. b) Topographical or other acceptable map showing location, access road, and lease boundaries.		12. Sec., T., R., M., or Blk and Survey or Area Section 32, T8S, R17E S.L.B. & M.			
15. Formation Objective(s) Green River	16. Estimated Well Depth 6000'	13. County, Parish, or Borough Duchesne	14. State Utah		
17. Additional Information (as appropriate; shall include surface owner's name, address and, if known, telephone number) <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"> State of Utah Division of Oil, Gas & Mining 355 W. N. Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203 </td> <td style="width: 50%;"> EPA - UIC Implementation Section Drinking Water Branch (8WM-DW) 999 18th Street, Suite 500 Denver, CO 80202-2405 Emmett Schmitz (303-293-1436) </td> </tr> </table>				State of Utah Division of Oil, Gas & Mining 355 W. N. Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203	EPA - UIC Implementation Section Drinking Water Branch (8WM-DW) 999 18th Street, Suite 500 Denver, CO 80202-2405 Emmett Schmitz (303-293-1436)
State of Utah Division of Oil, Gas & Mining 355 W. N. Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203	EPA - UIC Implementation Section Drinking Water Branch (8WM-DW) 999 18th Street, Suite 500 Denver, CO 80202-2405 Emmett Schmitz (303-293-1436)				

18. Signed Brad Mecham Title Regional Prod. Mgr Date 5/4/93

Note: Upon receipt of this Notice, the Bureau of Land Management (BLM) will schedule the date of the onsite predrill inspection and notify you accordingly. The location must be staked and access road must be flagged prior to the onsite.

Operators must consider the following prior to the onsite:

- a) H₂S Potential
- b) Cultural Resources (Archeology)
- c) Federal Right of Way or Special Use Permit

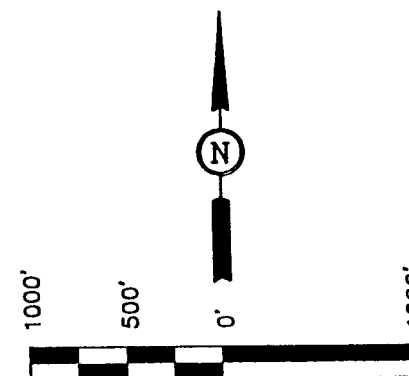
T8S, R17E, S.L.B.&M.

LOMAX EXPLORATION CO.

Well location, GILSONITE STATE #13-32, located as shown in the SW 1/4 SW 1/4 of Section 32, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 32, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5255 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. ...

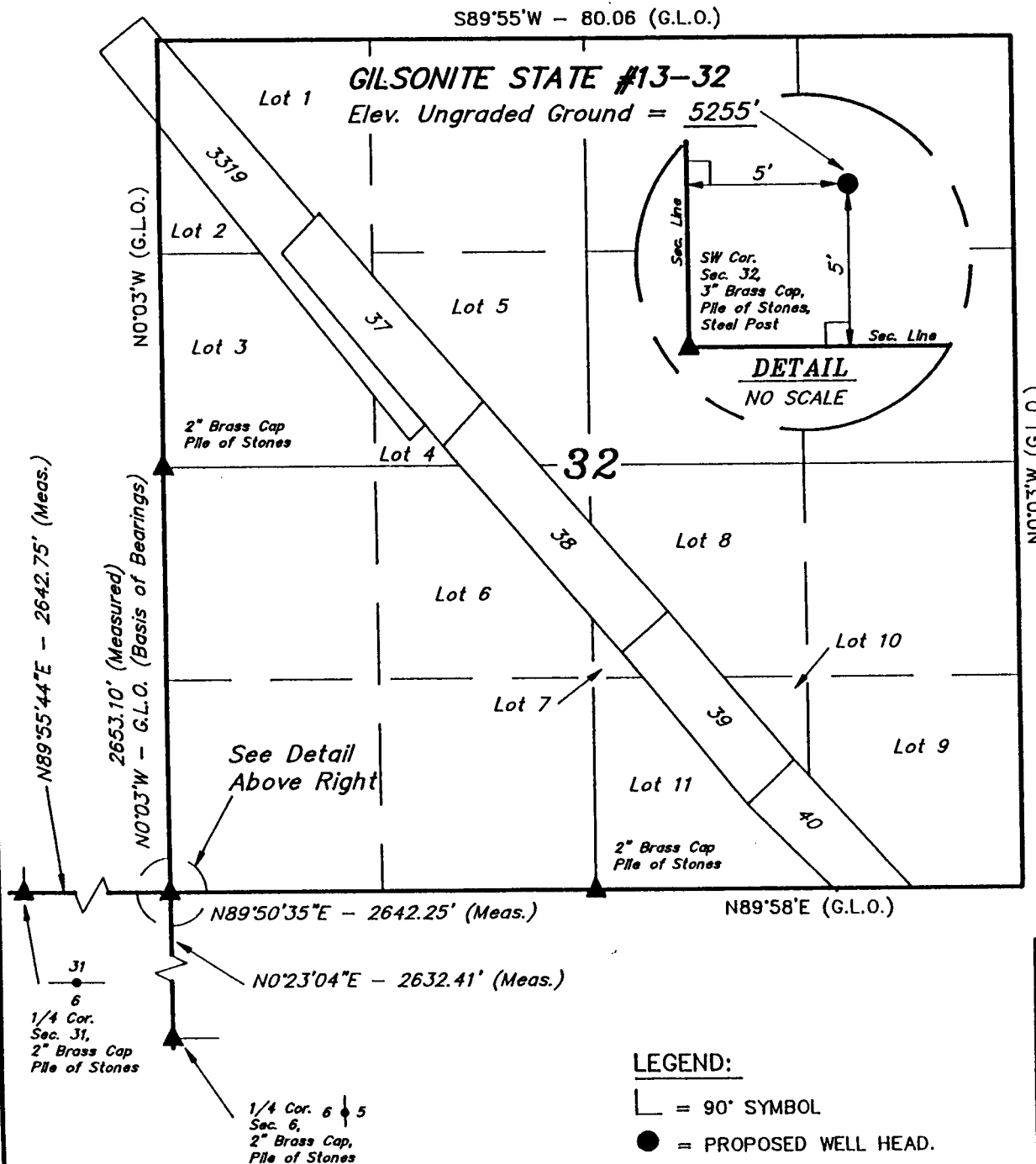
REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING

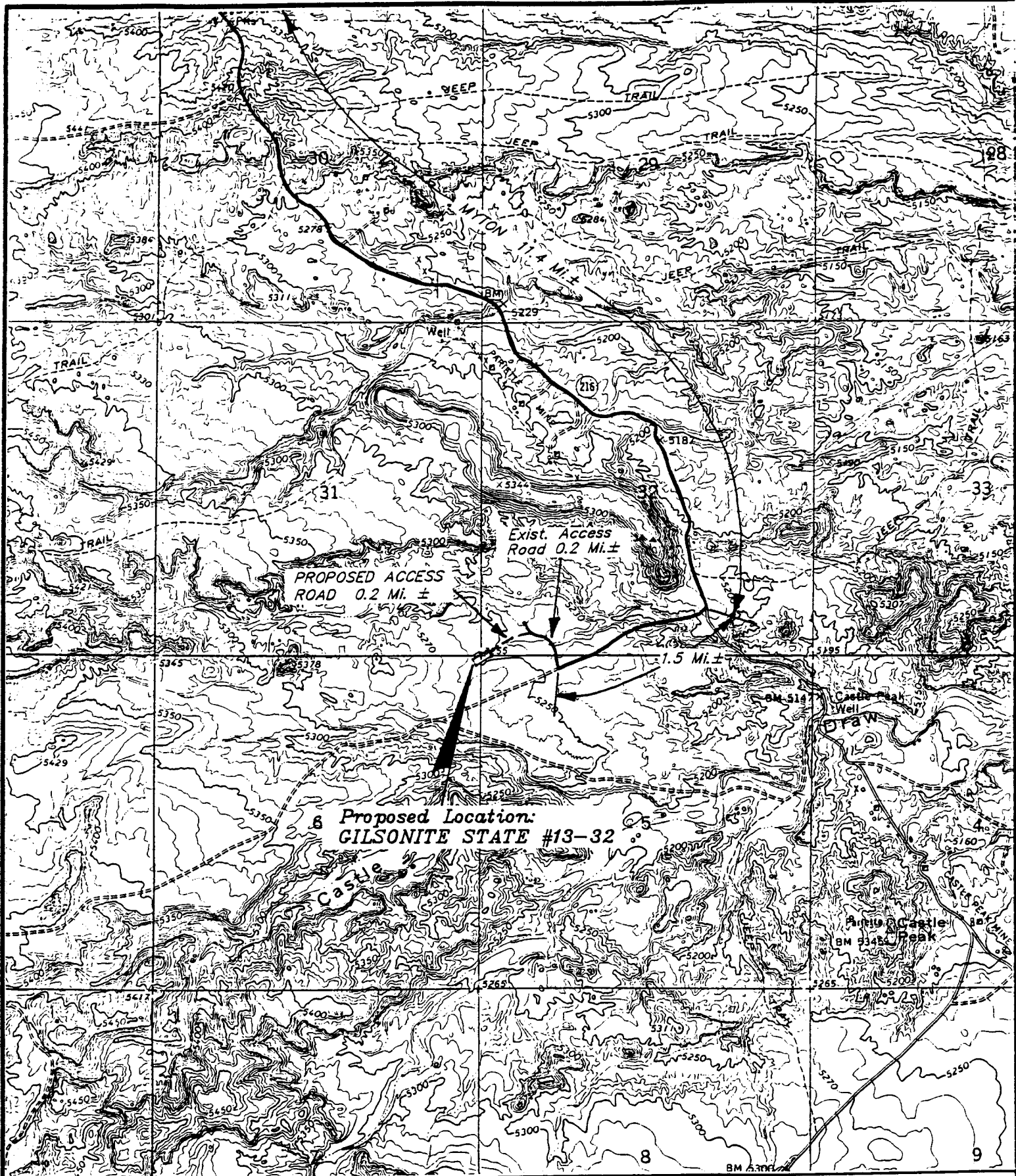
85 SOUTH 200 EAST - VERNAL, UTAH 84078

(801) 789-1017

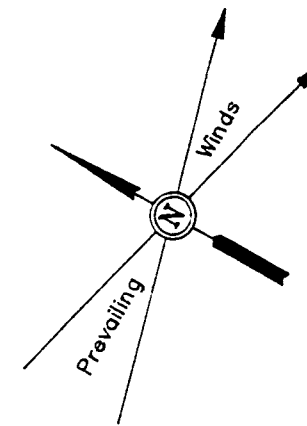
SCALE 1" = 1000'	DATE SURVEYED: 4-23-93	DATE DRAWN: 4-30-93
PARTY J.F. R.A. R.E.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE LOMAX EXPLORATION CO.	



GILSONITE STATE #13-32
SECTION 32, T8S, R17E, S.L.B.&M.

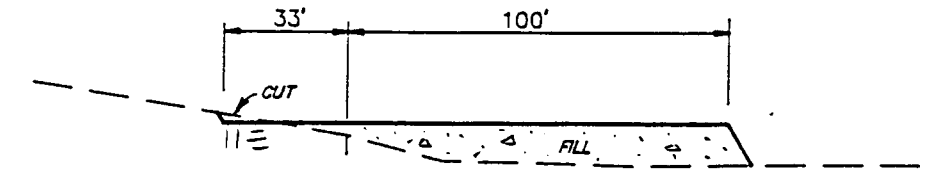


LOMAX EXPLORATION CO.
LOCATION LAYOUT FOR
GILSONITE STATE #13-32
SECTION 32, T8S, R17E, S.L.B.&M.

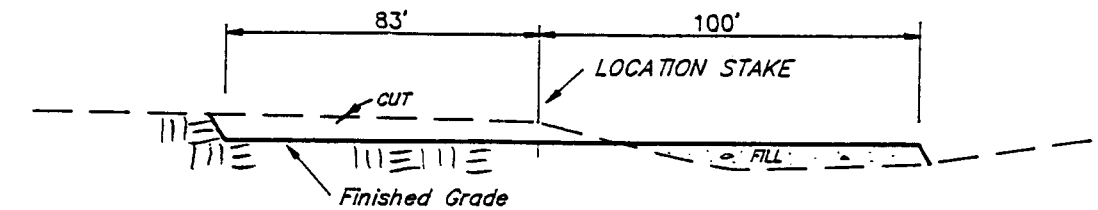


SCALE: 1" = 50'
DATE: 4-29-93
Drawn By: J.R.S.

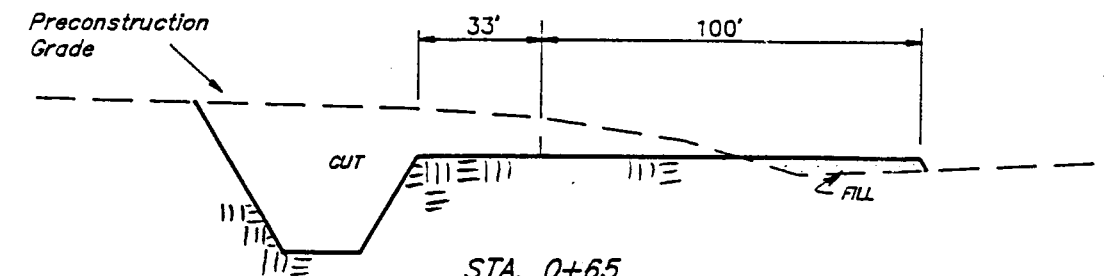
X-Section Scale
1" = 20'
1" = 50'



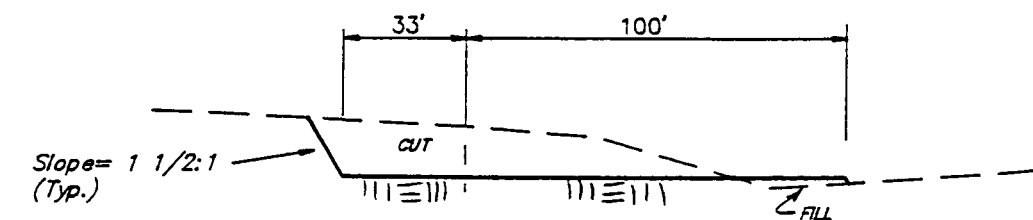
STA. 3+00



STA. 1+50



STA. 0+65



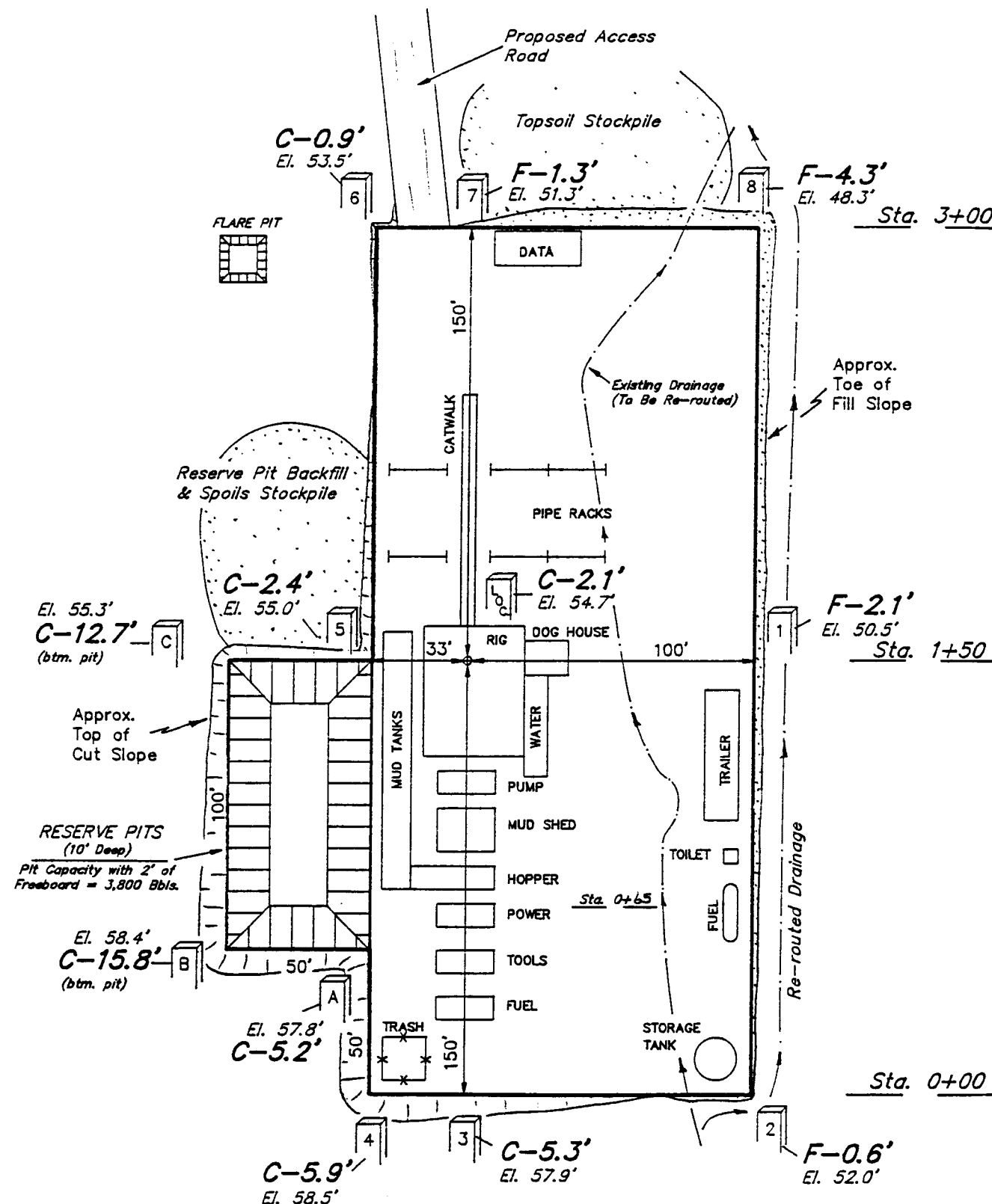
STA. 0+00

TYP. LOCATION LAYOUT
TYP. CROSS SECTIONS

Elev. Ungraded Ground at Location Stake = 5254.7'

Elev. Graded Ground at Location Stake = 5252.6'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East Vernal, Utah



APPROXIMATE YARDAGES

(6") Topsoil Stripping = 830 Cu. Yds.

Remaining Location = 3,240 Cu. Yds.

TOTAL CUT = 4,070 CU.YDS.

FILL = 2,550 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION = 1,390 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 1,380 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 10 Cu. Yds.

DRILLING LOCATION ASSESSMENT

State of Utah Division of Oil, Gas and Mining

OPERATOR: LOMAX EXPLORATION CO. WELL NAME: GILSONITE STATE 13-32
SECTION: 32 TWP: 8S RNG: 17E LOC: 5 FSL 5 FWL
QTR/QTR SW/SW COUNTY: DUCHESNE FIELD: MONUMENT BUTTE
SURFACE OWNER: STATE OF UTAH
SURFACE AGREEMENT:
SPACING: GILSONITE UNIT
GEOLOGIST: BRAD HILL DATE AND TIME: 5/20/93 9:30

PARTICIPANTS: Jody Lodell & Brad Meacham-Lomax Ex.; Stan
Olmstead-BLM

REGIONAL SETTING/TOPOGRAPHY: The proposed location is located in the southwestern Uinta Basin in an area of low rounded hills and shallow drainages. One shallow drainage crosses the proposed loc. on the east side.

LAND USE:

CURRENT SURFACE USE: Developed oil field. Some wildlife grazing.

PROPOSED SURFACE DISTURBANCE: A rectangular pad will be constructed with dimensions of 300'X 133' with an extension for a reserve pit with dimensions of 100'X 50'. A .2 mile access road will be constructed.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Indian Ricegrass, Lupine, Rabbitbrush, Greasewood, Prickly Pear, Globemallow/Deer, Antelope, Rabbits, Rodents, Birds, abundant Gnats

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Sandy soil with occasional sandstone outcrops

SURFACE FORMATION & CHARACTERISTICS: Quaternary alluvium and Uinta fm.

EROSION/SEDIMENTATION/STABILITY: No active erosion or sedimentation at present. location should be stable.

PALEONTOLOGICAL POTENTIAL: None observed

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Green River Fm. 5300-5900'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated

CULTURAL RESOURCES/ARCHAEOLOGY: OK

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: Reclamation shall be done under the supervision of State Lands and BLM.

RESERVE PIT

CHARACTERISTICS: The reserve pit will be rectangular in shape with dimensions of 100'X 50'X 10'. Pit is located on BLM surface.

LINING: As per BLM specifications.

MUD PROGRAM: The well will be drilled with fresh water and water based gel

DRILLING WATER SUPPLY: Not specified.

OTHER OBSERVATIONS

Most of this location, including the reserve pit, is on BLM administered land.

STIPULATIONS FOR APD APPROVAL

The existing drainage should be rerouted around the location. BLM should be consulted for pit liner requirements.

ATTACHMENTS

Photographs will be placed on file.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

July 26, 1993

Lomax Exploration Company
P.O. Box 1446
Roosevelt, Utah 84066

Gentlemen:

Re: Gilsonite State #13-32 Well, 5' FSL, 5' FWL, SW SW, Sec. 32, T. 8 S., R. 17 E.,
Duchesne County, Utah

Pursuant to Utah Admin. R. 649-3-3, Exception to Location and Siting of Wells, Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, and any applicable conditions in the order issued by the Board of Oil, Gas and Mining in Cause No. 229-1 dated April 6, 1993 for the Gilsonite Secondary Recovery Unit, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. The 5 1/2" production casing shall be cemented from total depth to surface.
2. The Bureau of Land Management should be consulted regarding synthetic liner requirements for the reserve pit.
3. The existing drainage should be rerouted around location.
4. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
5. Notification within 24 hours after commencing drilling operations.
6. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.



Page 2
Lomax Exploration Company
Gilsonite State #13-32 Well
July 26, 1993

7. Submittal of the Report of Water Encountered During Drilling, Form 7.
8. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.
9. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31403.

Sincerely,

A handwritten signature in black ink, appearing to read 'R.J. Firth', with a stylized flourish at the end.

R.J. Firth
Associate Director, Oil and Gas

ldc
Enclosures
cc: Bureau of Land Management
Duchesne County Assessor
State Lands and Forestry
J.L. Thompson
WO11

DEPARTMENT OF NATURAL RESOURCES

[illegible]

Cause No. 229-1

THIS CAUSE came on regularly for hearing before the Utah Board of Oil, Gas and Mining (the "Board") on Wednesday, March 24, 1993, at the hour of 10:00 a.m., in the Board Room of the Division of Oil, Gas and Mining at 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah. The following Board members were present at the hearing: James W. Carter, Chairman; Judy F. Lever; David D. Lauriski, Jay L. Christensen;

Kent G. Stringham; Raymond Murray; and Thomas Faddies. Ronald J. Firth, Associate Director, Oil and Gas; Frank Matthews, Petroleum Engineer; and Brad Hill, Geologist, were present for the Division of Oil, Gas and Mining (the "Division"). Thomas A. Mitchell and William R. Richards, Assistant Attorneys General and counsel to the Division and the Board were also present. The Petitioner, Lomax Exploration Company ("Lomax"), was represented by Thomas W. Clawson of Van Cott, Bagley, Cornwall & McCarthy. John D. Lomax, Chief Executive Officer, and Bill I. Pennington, President, testified on behalf of the Petitioner. No other persons appeared or participated in the hearing. After considering testimony introduced and the exhibits received at the hearing, on March 24, 1993, the Board approved Petitioner's request for unit operations and secondary recovery operations in the Gilsonite Unit.

NOW, THEREFORE, the Board, having fully considered the testimony adduced and the exhibits received at the March 24, 1993, hearing, being fully advised, and good cause appearing, hereby makes the following Findings of Fact, Conclusions of Law, and Order:

FINDINGS OF FACT

1. Notices of the time, place, and purpose of the March 24, 1993, hearing were mailed to all interested parties and all owners or operators and surface owners within one-half mile of the proposed Gilsonite Unit area by certified mail, return receipt requested, and were duly published in the Salt Lake Tribune, Deseret News, and the Uintah Basin Standard pursuant to the requirements of *Utah Administrative Code* ("U.A.C.") Rule R641-

106-100 (1992). Copies of the Request for Agency Action filed in this cause were mailed to all interested parties and to all owners or operators and surface owners within a one-half mile radius of the proposed Gilsonite Unit area pursuant to U.A.C. Rules R641-104-135 and R649-5-1(2.9).

2. Lomax Exploration Company is a Texas corporation in good standing, having its principal place of business in Houston, Texas. Lomax is qualified to do business in Utah.

3. The proposed Gilsonite Unit embraces the following described lands in the Monument Butte Field, Duchesne County, Utah:

Township 8 South, Range 17 East, S.L.M.

Section 32: All

(containing 640.00 acres, more or less)

4. The formation to be unitized and to be approved for secondary recovery is the Green River Formation, more particularly described as follows:

In the Lomax Exploration Company State No. 11-32 Well located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 32, Township 8 South, Range 17 East, S.L.M., the top of the Green River Formation is at a depth of 1,644 feet. This formation continues to 6,212 feet, a gross interval of 4,568 feet.

5. The minerals in all lands embraced within the proposed Gilsonite Unit area are owned by:

State of Utah
American Gilsonite Company
Kaiser Francis Oil Company

6. Lomax owns working interests in the acreage sought to be unitized.
7. Drilling has proceeded under state-wide location and density patterns for the location and siting of wells established by the Oil and Gas General Rules, *U.A.C.* R649-3-2 (1992), and predecessor rules.
8. The following wells have been completed in the acreage sought to be unitized:
 - (a) State No. 1-32 situated in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 32. First production occurred in November 1981.
 - (b) State No. 11-32 situated in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 32. First production occurred in November 1982.
 - (c) State No. 5-32 situated in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 32. First production occurred in February 1983.
 - (d) Gilsonite State No. 2-32 situated in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 32. First production occurred in February 1982.
 - (e) State No. 7-32 situated in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 32. First production occurred in July 1982.
 - (f) State No. 9-32 situated in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 32. First production occurred in January 1983.
 - (g) State No. 1A-32 situated in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 32. First production occurred in December 1982.

(h) State No. 4-32 situated in the NW¼ NW¼ of Section 32. First production occurred in November 1983.

(i) State No. 6-32 situated in the SE¼ NW¼ of Section 32. First production occurred in August 1983.

(j) State No. 12-32 situated in the NW¼ SW¼ of Section 32. First production occurred in December 1983.

9. All of the wells described above have produced oil and gas from the Green River Formation.

10. The reservoir underlying the Gilsonite Unit area is a solution gas drive reservoir that is slightly under-saturated and slightly under pressure. As is characteristic of such reservoirs, there is a relatively rapid loss of reservoir energy as primary production occurs, resulting in a rapid decline in production and low primary recovery.

11. Approximately 396,207 barrels of oil have been produced as of December 31, 1992, from the Green River Formation in the proposed Gilsonite Unit area. Approximately 138,000 additional barrels of oil may be produced by primary production.

12. A water flood secondary recovery project in the Green River Formation in the proposed Gilsonite Unit area could increase ultimate recovery by approximately 837,000 barrels of oil to an aggregate recovery of approximately 15 percent of the original oil in place.

13. Lomax is the operator of three other water flood secondary projects in the nearby Monument Butte area, the Monument Butte "D" Sand Unit, the Travis Unit, and the Boundary Unit, and is experienced in the operation of water flood projects.

14. Under the proposed secondary recovery operation plan, the injection rate will range from 300 to 400 barrels per day. The maximum pressure will be less than 2,000 p.s.i., or 100 p.s.i. less than parting pressure as determined by step rate tests.

15. The water for the water flood project is to be acquired from the Johnson Water District and is suitable for injection.

16. Lomax proposes to use the State No. 7-32 well situated in the SW¼ NE¼ of Section 32 as the initial injection well in the proposed Gilsonite Unit. Lomax filed an application for administrative approval of injection well for the State No. 7-32 well pursuant to *U.A.C.* R649-5-2(2). Notice of Lomax's application for administrative approval of the proposed State No. 7-32 injection well was mailed to all interested parties and all owners or operators and surface owners within one-half mile of the proposed State No. 7-32 injection well and was duly published in the Salt Lake Tribune, Deseret News, and the Uintah Basin Standard pursuant to the requirements of *U.A.C.* Rule R649-5-3(2). Copies of Lomax's application for administrative approval of the proposed State No. 7-32 injection well were mailed to all interested parties and to all owners or operators and surface owners within a one-half mile of the proposed State No. 7-32 injection well pursuant to *U.A.C.* R649-5-2(2.12). The Division received no written objections to Lomax's application for administrative approval of the proposed State No. 7-32 injection well. Subsequent to the

March 24, 1993, hearing, by letter dated March 25, 1993, the Division administratively approved Lomax's application for injection well for the State No. 7-32 well pursuant to U.C.A. R649-5-3(3).

17. It is estimated that the water flood project will cost approximately \$1,000,000. The \$1,000,000 expenditure will result in recovery of approximately an additional 837,000 barrels of oil. The value of the estimated additional recovery of oil substantially exceeds the estimated additional cost incident to conducting secondary recovery operations.

18. No voluntary agreement or plan of development and operation of the pool as a unit as contemplated by Section 40-6-7(1), *Utah Code Annotated*, and no plan of development and operation of the pool as a unit contemplated by Section 40-6-7(2), *Utah Code Annotated*, exists with respect to the Gilsonite Unit area.

19. The proposed voluntary agreement contemplated by Sections 40-6-7 and 40-6-8, *Utah Code Annotated*, will take the form of a unit agreement and unit operating agreement and will contain all provisions required by statute. The proposed plan for unit operations will also contain a method whereby the unit may be expanded to include additional lands found to contain oil and gas within the pool.

20. In excess of 70% of all owners of working interests are agreeable to the plan for unit operations proposed for the Gilsonite Unit.

21. Lomax will be the unit operator.

22. The formula for allocation of costs and production proposed by Lomax utilizes parameters common in the industry and the participation formula is consistent with industry practices.

23. The proposed Unit Agreement and Unit Operating Agreement introduced at the March 24, 1993, hearing as Exhibits 2 and 3 respectively, together with all attachments thereto, are acceptable to the Division and to the Board.

24. The Engineering and Geological Report for Proposed Gilsonite Unit, Duchesne County, Utah, introduced and admitted at the March 24, 1993, hearing as Exhibit 1, is acceptable to the Division and the Board.

25. The plan of development contained in the Engineering and Geological Report will accomplish the goals of the Secondary Recovery Unit.

26. Lomax's Request for Agency Action was unopposed at the March 24, 1993, hearing.

27. Unit operations and secondary recovery operations for the Green River Formation in the Gilsonite Unit area are necessary to fulfill the provisions of Chapter 6 of Title 40 of *Utah Code Annotated*.

CONCLUSIONS OF LAW

28. Due and regular notice of the time, place, and purposes of the March 24, 1993, hearing was given to all interested parties and all owners or operators and surface owners within one-half mile of the Gilsonite Unit area in the form and manner and within the time required by law and the Rules and Regulations of the Board. Due and regular notice of the filing of the Request for Agency Action was given to all interested parties and to all owners or operators and surface owners within one-half mile of the proposed Gilsonite Unit area, in the form and manner and within the time required by law and the Rules and Regulations of the Board.

29. The Board has jurisdiction over all matters covered by the Request for Agency Action herein pursuant to Sections 40-6-7 and 40-6-8 of *Utah Code Annotated*, and has power and authority to make and promulgate the order herein set forth.

30. Unit operations and secondary recovery operations in the Green River Formation as proposed for the Gilsonite Unit are in the public interest and promote conservation, will increase ultimate recovery, will prevent waste, and will protect correlative rights.

31. Unit and secondary operations for the Gilsonite Unit are reasonably necessary to fulfill the purposes of Chapter 6 of Title 40 of *Utah Code Annotated*.

32. The proposed Unit Agreement and Unit Operating Agreement introduced at March 24, 1993, hearing as Exhibits 2 and 3 contain all of the required statutory provisions set forth in Section 40-6-8, *Utah Code Annotated*.

33. The plan of development contained in the Engineering and Geological Report introduced at the March 24, 1993, hearing as Exhibit 1 will accomplish the goals of the secondary recovery unit.

ORDER

IT IS THEREFORE ORDERED that:

1. The Green River Formation, as defined in paragraph 4 of the Findings of Fact herein, underlying the lands described in paragraph 3 of the Findings of Fact herein, constitutes a pool for the operation of a unit and the Board hereby establishes the same as a pool to be operated as a unit for the continued operation of all wells thereon. The lands and pool shall be known as the Gilsonite Unit area.

2. The unit hereby established shall be known as the Gilsonite Unit.

3. The Green River Formation, as further defined in paragraph 4 of the Findings of Fact herein, constitutes a pool for the operation of a water flood secondary recovery project and the Board hereby establishes the same to be operated as a unit for secondary recovery operations.

4. The Unit Agreement and the Unit Operating Agreement, and all attachments thereto introduced and received at the March 24, 1993, hearing, are hereby approved.

5. The plan of operations set forth in the Engineering and Geological Report is hereby approved.

6. The Unit Agreement and Unit Operating Agreement shall be binding upon all owners of working interests or operating rights when the owners who are required to pay 70% of the costs of unit operation approve in writing and join in execution of the Unit Agreement and Unit Operating Agreement, as authorized by Sections 40-6-7 and 40-6-8 of *Utah Code Annotated*. The Unit Agreement shall be binding upon all owners of lessor's royalty and other leasehold burdens when 70% of those owners approve in writing and join in execution of the Unit Agreement, as required by Section 40-6-8 of *Utah Code Annotated*. All such written approvals must be obtained within six (6) months from the effective date of this Order, or this Order shall become ineffective and shall be revoked by the Board unless, for good cause shown, the Board extends the time for approval.

7. Any owner of working interests or operating rights who does not voluntarily commit his interest to the Gilsonite Unit shall be a "non-consenting owner" and shall be deemed to have contracted with the unit operator for his proportionate part of the cost of developing and operating the Unit Area in accordance with Section 40-6-8(3)(e) of *Utah Code Annotated*.

8. The allocation formula described in the Unit Agreement and the Unit Operating Agreement is hereby approved.

9. State-wide field or well location and siting rules affecting the subject lands and formation are hereby suspended to the extent said orders or rules are inconsistent with this Order.

10. This Order does not waive jurisdiction of the Board over the Underground Injection Control (UIC) program with respect to the injection wells contemplated for the Gilsonite Unit area, and expressly directs Lomax to comply with all requirements and procedures of the UIC program.

11. The underground injection program proposed by Lomax in connection with the said secondary recovery project is hereby approved.

12. The Board retains jurisdiction over the subject matter and the parties for purposes of considering any amendments or revisions to the plan of operations, the Unit Agreement, the Unit Operating Agreement, and the lands affected by the unit.

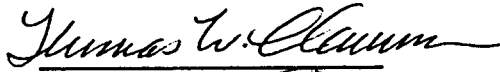
ENTERED THIS 6th day of April, 1993.

STATE OF UTAH
BOARD OF OIL, GAS AND MINING

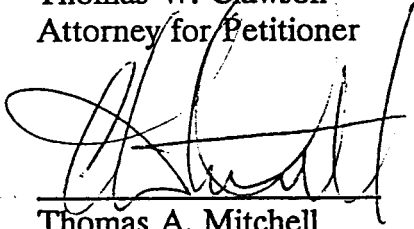
By: _____

James W. Carter
Chairman

Approved as to form:



Thomas W. Clawson
Attorney for Petitioner



Thomas A. Mitchell
Attorney for Division of Oil,
Gas and Mining

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

July 21, 1993



State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Dan Jarvis

RE: UIC Injection Application
Gilsonite State #13-32
SW/SW Sec 32, T8S, R17E
Gilsonite Waterflood Unit
Duchesne County, Utah

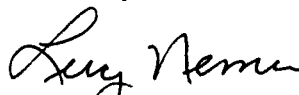
Dear Dan,

Enclosed is a revised Exhibit A-2 for the water injection application referenced above. Also enclosed are copies of frac treatment reports for wells within the Gilsonite Unit showing the following frac gradients:

<u>Well #</u>	<u>Frac Gradient</u>
Gilsonite State #2-32	.91
Gilsonite State #5-32	.89
Gilsonite State #12-32	<u>.74</u>
Average frac gradient =	.84

Please let me know if this is not what you needed.

Sincerely,


Lucy Nemec
Engineering Secretary

/In
GOVT\STSUNDRY.DOC

Enclosures

RECEIVED

JUL 26 1993

DIVISION OF
OIL, GAS & MINING

The Western Company

of North America

TREATMENT REPORT

Date 1-31-82 Western District Vernal 53 F. Receipt 544236
 Operator Lomax Exploration Co.
 Lease State Well No. 2-32
 Field So. Myton Location 32-8S-17E
 County Duchesne State Utah
 Stage Number 1 This Zone ☐ This Well ☒

WELL DATA: OG ☐ NG ☐ NO ☒ OO ☐ WD ☐ IW ☐ Misc. ☐ Depth TD/MB 5481 Formation Green River
 Size Tubing 3 1/2 Tubing Perf. -- Type Packer Mountain States Set At 990
 Size Casing 5 1/2 Wt. 15.5 Set From surface To 5481 Size Liner -- Wt. --
 Liner Set From -- To -- Open Hole: Size -- From -- To --
 Casing Perforations: Size .38 Holes Per Foot 1 Intervals 5274-4943 (41 perforations)

Previous Treatment -- Prior Production --

TREATMENT DATA: Pad Used: Yes ☐ No ☒ Pad Type --
 Treating Fluid Type: Oil ☐ Water ☐ Acid ☒ Misc. ☐ Foam ☐ Emulsion ☐
 Treating Fluid Volume Gals. 48,500 Fluid Description 7-1/2% Spearhead Acid

FLUID PUMPED AND CAPACITIES IN BBLs.

Tubing Cap. 12
 Casing Cap. 94
 Annular Cap. --
 Open Hole Cap. --
 Fluid to Load --
 Pad Volume --
 Treating Fluid 72
 Flush 106
 Overflush --
 Total to Recover 178

Total Prop Quantity 90,000 Lbs. Prop Type: Sand ☒ Beads ☐ Special ☐ None ☐
 Prop Mesh Sizes, Types and Quantities 90,000# 20/40
 Hole Loaded With diesel Treat Via: Tubing ☒ Casing ☐ Anul ☐ Tubing & Anul. ☐
 Ball Sealers: 95 In 95 Stages of 2
 Types and Number of Pumps Used 6 Pacesetter 1000
 Auxiliary Materials 12 gal. I-15, 2600# J258

Procedure Pump 71 Bbl. HCl with ball sealers in stages, flush with 106 Bbl.
Pump 119 Bbl. pad, 71 Bbl. with 1 ppg, 20/40, 2 ppg 20/40, 3 ppg 20/40,
4 ppg 20/40, Start 95 Bbl. spacer with 15 ball sealers, 59 Bbl. with 1 ppg 20/40, 2 ppg 20/40,
3 ppg 20/40, 4 ppg 20/40. Flush to top perforations.

Time AM/PM	Treating Pressure-Psi		Barrels Fluid Pumped	Inj. Rate BPM	REMARKS
	Tubing	Casing			
11:37	0		0	0	Start acid.
11:37	1200		4	3	Formation break.
11:41	1500		12	8	Start ball sealers.
11:52	1850		72	11	All acid, start flush.
11:55	1850		106	11	Acid on formation
11:56	1900		118	10	Ball sealers on formation.
12:04	3500		178	9	All flush, shut down, perforations sealed.
12:31	1000		106	0	Start 1 ppg 20/40.
12:33	2800		193	30	Start 2 ppg 20/40.
12:35	2500		270	30	Start 3 ppg 20/40.
12:38	2450		350	30	Start 4 ppg 20/40.
12:41	2300		433	30	Start spacer with ball sealers.
12:45	2600		563	24	Start 1 ppg 20/40.
12:48	3000		637	30	Start 2 ppg 20/40.
12:50	2900		714	30	Start 3 ppg 20/40.
12:53	2900		794	30	Start 4 ppg 20/40.
12:55	2900		877	30	Start spacer with ball sealers.
12:50	3000		972	32	End of spacer, start 1 ppg. 20/40.
12:52	3400		1033	30	Start 2 ppg 20/40.
12:54	3400		1097	30	Start 3 ppg 20/40.
12:55	3500		1163	30	Start 4 ppg 20/40.
12:57	3200		1232	30	All frac, start flush.
1:00	3250		1380	30	All flush, shut down, job complete.

Treating Pressure: Min. 2300 Max. 3600 Avg. 3200
 Inj. Rate on Treating Fluid 30 Rate on Flush 30
 Avg. Inj. Rate 30 I.S.D.P. 2400 Flush Dens. lb/gal --
 Final Shut-in Pressure 1800 in 15 Minutes.
 Operator's Maximum Pressure 4000

Customer Representative Mr. Dave Farrington
 Western Representative Larry Gardiner
 Distribution (2) Lomax Exploration Co.
333 N. Belt #880
Houston, TX 77060

Job Number

Frac Gradient .91

(1) Western Co. - Salt Lake City
 (1) Western Co. - Vernal District

HALLIBURTON SERVICES DIVISION

FRACTURING SERVICE TREATING REPORT

HALLIBURTON LOCATION Vernal

BILLED ON TICKET NO. 706921

FORM #2012 R-3

Field So. Myton Sec. 32 Twp. 8-S. Rng. 17-E Count Duchesne State Utah

Formation Name Green River Type _____

Formation Thickness _____ From _____ To _____

Initial Prod: Oil _____ Bpd. Water _____ Bpd. Gas _____ Mcfd.

Present Prod: Oil _____ Bpd. Water _____ Bpd. Gas _____ Mcfd.

Isolation Tool # _____ Mandrel Size _____ Extensions _____ in.

Packer Type _____ Set At _____

Bottom Hole Temp. 140° RBP@ _____

Head Or Flange 6' 5000 3 Way Pbtd _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U	17	5.5	Surf.	5600	3500
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS				4866	4888	
PERFORATIONS						
PERFORATIONS						

MATERIALS

JOB DATA

Treat. Fluid 3% KCL Density 8.4 Lb./Gal. 2 API

Displ. Fluid _____ Density _____ Lb./Gal. 2 API

Prop. Type Frac Sand Size 20/40 Lb. 85,000

Prop. Type _____ Size _____ Lb. _____

Radioactive Tracer _____ Carrier _____ Units-MCI _____

Surfactant Type Lo Surf 250 Gal. 35 @ 1 /1000 Gal.

Surfactant Type _____ Gal. _____ @ _____ /1000 Gal.

Fluid Loss Type WAC-11 Gal.-Lb. 1000 @ 40 /1000 Gal.

Gelling Agent WG-12 Gal.-Lb. 1000 @ 10 /1000 Gal.

Gelling Agent LGC Gal.-Lb. 3000 @ 75 /1000 Gal.

Breaker Type GBW-3 Gal.-Lb. 30 @ 1 /1000 Gal.

Breaker Type AP Gal.-Lb. 30 @ 1 /1000 Gal.

Crosslinker CL-18 Gal.-Lb. 55 @ 1.5 /1000 Gal.

Stabilizer _____ Gal.-Lb. _____ @ _____ /1000 Gal.

Buffer Type _____ Gal.-Lb. _____ @ _____ /1000 Gal.

Buffer Type _____ Gal.-Lb. _____ @ _____ /1000 Gal.

Bactericide BL-5 Gal.-Lb. 6 @ _____ /1000 Gal.

Non-Foamer _____ Gal.-Lb. _____ @ _____ /1000 Gal.

Clay Control ClasTa Gal.-Lb. 10 @ 1 /1000 Gal.

Diverte _____ Gal.-Lb. _____ @ _____ /1000 Gal.

Friction Reducer _____ Gal.-Lb. _____ @ _____ /1000 Gal.

Perfpac Balls _____ Qty. _____ Size _____ S.G. _____

Other NE-1 - 10 gal

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1/12/</u>	DATE <u>1/12/</u>	DATE <u>1/12/</u>	DATE <u>1/12/83</u>
TIME <u>02:00</u>	TIME <u>05:00</u>	TIME <u>08:14</u>	TIME <u>08:39</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
Patton-Davis	Operators	Vernal
Vredenberg-Wagner	3514-7593	"
Dalton	" "	"
Mullaney	50394-4960	"
Maddox	3742	"
Ferguson	1601	"
White	3763	"
Gilbert	2482-2297	"
Frazer-Staples	4375	"
Pratt-Davis	Sand	"
Davis	Mech.	"
Taylor	3857-7015	Grd. Jct
Lube-Yeager	Supvs	Vernal

ACID DATA

Acid Type FE-1A % _____ (Gal.-Bbl. 40)

Acid Type _____ % _____ Gal.-Bbl. _____

Surfactant Type _____ Gal. _____ @ _____ /1000 Gal.

Surfactant Type _____ Gal. _____ @ _____ /1000 Gal.

NE Agent Type _____ Gal. _____ @ _____ /1000 Gal.

Clay Control Type _____ Gal.-Lb. _____ @ _____ /1000 Gal.

Corrosion Inhibitor _____ Gal.-Lb. _____ @ _____ /1000 Gal.

Corrosion Inhibitor _____ Gal.-Lb. _____ @ _____ /1000 Gal.

Cracking Inhibitor _____ Gal.-Lb. _____ @ _____ /1000 Gal.

Iron Sequester _____ Gal.-Lb. _____ @ _____ /1000 Gal.

Friction Reducer _____ Gal.-Lb. _____ @ _____ /1000 Gal.

PRESSURES IN PSI

SUMMARY

VOLUMES

Circulating _____ Displacement _____

Breakdown _____ Maximum _____

Average 2500 Fracture Gradient .89

ISIP 2220 5 Min. 1840 10 Min. 1760 15 Min. 1720

Ordered 4000 Available 4000 Used 1900

AVERAGE RATE IN BPM

Treating 31.0 Displ. _____ Overall _____

HYDRAULIC HORSEPOWER

Preflush: Bbl.-Gal. _____ Type _____

Load & Bkdn: Bbl.-Gal. _____ Pad: Scf-Bbl.-Gal. 7500

Treatment: Bbl.-Gal. _____ Displ: Bbl.-Gal. _____

Gas Assist _____ Tons-Scf _____ @ _____ Scf./Bbl.

Foam Quality _____ % Total Volume Foam _____ Bbl.-Gal.

Total Volume: Bbl.-Gal. 29,670 Fluid-Foam _____

REMARKS

Customer Representative X Jim Schaefer

Copies Requested _____

Halliburton Operator Robert Patton

DATE 1/12/83

JOB LOG

CU IN Lomax

PAGE NO. 1

JOB TYPE Versa Gel 1500

DATE 1/12/83

FORM 2013 R-2

[illegible]

FRACTURING SERVICE EATING REPORT

BILLED ON
TICKET NO. 349933

FORM 2012 R-3

WELL DATA

Field S. Myton Sec. 32 Twp. 8S Rng. 17E County Duchesne State Utah
 Formation Name Green River Type Sand
 Formation Thickness 138 From 5330 To 5468
 Initial Prod: Oil _____ Bpd. Water _____ Bpd. Gas _____ Mcfd.
 Present Prod: Oil _____ Bpd. Water _____ Bpd. Gas _____ Mcfd.
 Isolation Tool # _____ Mandrel Size _____ Extensions _____ In.
 Packer Type Mountain States Set At 5322
 Bottom Hole Temp. _____ RBP@ _____
 Head Or Flange _____ Pbtd _____

MATERIALS

Treat. Fluid H₂O Density 8.33 Lb./Gal. @ API
 Displ. Fluid H₂O Density 8.33 Lb./Gal. @ API
 Prop. Type Ottawa Size 20/40 Lb. 21100
 Prop. Type Ottawa Size 16/30 Lb. 45000
 Radioactive Tracer _____ Carrier _____ Units-MCI
 Surfactant Type SSO-21 Gal. 33 @ 1 /1000 Gal.
 Surfactant Type _____ Gal. _____ @ _____ /1000 Gal.
 Fluid Loss Type _____ Gal.-Lb. _____ @ _____ /1000 Gal.
 Gelling Agent LCC-IV Gal.-Lb. 180 @ 75 /1000 Gal.
 Gelling Agent _____ Gal.-Lb. _____ @ _____ /1000 Gal.
 Breaker Type SP Gal.-Lb. 50 @ 2 /1000 Gal.
 Breaker Type OptiFlo II Gal.-Lb. 75 @ 2 /1000 Gal.
 Crosslinker CL-22 Gal.-Lb. 30 @ 1 /1000 Gal.
 Stabilizer _____ Gal.-Lb. _____ @ _____ /1000 Gal.
 Buffer Type K-35 Gal.-Lb. 300 @ 5 /1000 Gal.
 Buffer Type _____ Gal.-Lb. _____ @ _____ /1000 Gal.
 Bactericide BPE-S Gal.-Lb. 12 @ 3 /1000 Gal.
 Non-Foamer _____ Gal.-Lb. _____ @ _____ /1000 Gal.
 Clay Control Clasix XP Gal.-Lb. 55 @ 5 /1000 Gal.
 Diverter _____ Gal.-Lb. _____ @ _____ /1000 Gal.
 Friction Reducer _____ Gal.-Lb. _____ @ _____ /1000 Gal.
 Perfpac Balls _____ Qty. _____ Size _____ S.G.
 Other Clasix II 2gal/m 48 yellow

ACID DATA

Acid Type _____ % _____ Gal.-Bbl.
 Acid Type _____ % _____ Gal.-Bbl.
 Surfactant Type _____ Gal. _____ @ _____ /1000 Gal.
 Surfactant Type _____ Gal. _____ @ _____ /1000 Gal.
 NE Agent Type _____ Gal. _____ @ _____ /1000 Gal.
 Clay Control Type _____ Gal.-Lb. _____ @ _____ /1000 Gal.
 Corrosion Inhibitor _____ Gal.-Lb. _____ @ _____ /1000 Gal.
 Corrosion Inhibitor _____ Gal.-Lb. _____ @ _____ /1000 Gal.
 Cracking Inhibitor _____ Gal.-Lb. _____ @ _____ /1000 Gal.
 Iron Sequester _____ Gal.-Lb. _____ @ _____ /1000 Gal.
 Friction Reducer _____ Gal.-Lb. _____ @ _____ /1000 Gal.

PRESSURES IN PSI

Circulating _____ Displacement 200
 Breakdown _____ Maximum 3860
 Average 3420 Fracture Gradient 1.74
 ISIP 1680 5 Min. 1570 10 Min. 1460 15 Min. 1370

HYDRAULIC HORSEPOWER

Ordered 3000 Available 3000 Used 1467
 AVERAGE RATE IN BPM
 Treating 17.5 Displ. 17.5 Overall 17.5

Customer Representative X Joe McLean

JOB DATA

CALLED OUT 6/12/93 ON LOCATION 6/12/93 JOB STARTED 6/12/93 JOB COMPLETED 6/12/93
 DATE DATE DATE DATE
 TIME 0330 TIME 0600 TIME 0754 TIME 0850

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
B. Harrison Opr.	38225	Vernal
V. Merkley ACS	38234	"
M. Curtis-Blender	5207 7351	"
B. Gwinna-DiGel	9118 8170	"
Thompson Nat	51570	"
B. Parrack Iron	41375	"
C. Parrack 3x4	8774-6386	"
J. Newman HT	3702-6631	"
B. Kasmussen HT	41865	"
C. Jaugh HT	6198-6463	"
K. Davis Camp	51521	"
P. Batly Mech	50500	"
B. Archo		"
Field Sup.		"
D. Herndon		"
Field Engineer		"

DEPARTMENT

Stimulation
 DESCRIPTION OF JOB HydroCell 35 A/G

JOB DONE THRU: TUBING ☒ CASING ☐ ANNULUS ☐ TSG/ANN. ☐

SUMMARY

VOLUMES

Preflush: Bbl.-Gal. _____ Type _____
 Load & Bkdn: Bbl.-Gal. _____ Pad: Scf-Bbl. 10.000
 Treatment: Bbl.-Gal. 11 725 Displ: Bbl.-Gal. 1590
 Gas Assist _____ Tons-Scf _____ @ _____ Scf./Bbl.
 Foam Quality _____ % Total Volume Foam _____ Bbl.-Gal.
 Total Volume: Bbl.-Gal. 23.35 Fluid-Foam _____

REMARKS

Halliburton
Operator Joe McLean

CUSTOMER
 LEASE
 JOB TYPE
 DATE

JOB LOG

WELL NO. 1232 LEASE

TICKET NO. 547933

C/O JMER

LONG EXPLAN

PAGE NO.

FORM 2013 R-2

JOB TYPE

DATE

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
0330								Called out
0500								at log SST in
0739						4000		Pring in TEST
								Well Head test
0754	10	0				50		Pump P11 2260
0757	15	1590				2555		PAID ON
0806	20	10,000				3840		Pump 2.5" 20/40
0809	17.6	11590				3550		1# ON
0810	17.6	1154				3413		2# ON
0812	17.7	12400				3150		3# ON
0814	17.74	14143				2350		4# ON
0815	17.16	15124				2274		5# ON
0817	17.16	15967				3512		Pump 16/30 P12
0820	17.5	17490				3636		6# ON
0822	17.5	17346				3483		7#
0824	17.5	21710				2850		8# ON
0827	17.5	21725				3870		FINISH
0832	4.2	23379				1900		SHUT DOWN
						1680		TEST
0837						1570		5
0842						1460		10
0847						1370		15
								Avg Rate 17.5
								Avg PSI 3420
								MAX RATE 20
								MAX PSI 3870
								TOTAL SAND PUMPED
								211 SKS 20/40
								411 SKS 16/30
								FLUSHED LESS 1 BBL TO 2
								PERF

INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: Lumar Exploration Co. Well: Gilsonite State 13-32

Location: section 32 township T 8 S range 12 E

API #: not yet assigned Well Type: disp. enhanced recov. X

If enhanced recovery has project been approved by the Board? No.

Lease Type: State Surface Ownership: State of Utah

Field: Unit: Gilsonite. Indian Country: X

UIC Form 1: Yes Plat: Yes Wells in AOR: 9 P 1 I

Logs Available: to be provided when well is drilled Bond Log:

Casing Program: 8 5/8" Surdon to 300 feet (2165x cent), 5 1/2 to 6000 ft.
776 cmf.

Integrity Test: to be run at conversion 1000 psi casing 1000 cmf/ft in/annulus.

Injection Fluid: Fresh water from Johnson water supply

Geologic Information: Green River C & LDC sands \approx 4950 feet.
max pressure \approx 2000 psi.

Analyses of Injection Fluid: Yes Formation Fluid: Yes Compat. Yes

Fracture Gradient Information: .84 psi/ft. Parting Pressure

Affidavit of Notice to Owners: Yes

Fresh Water Aquifers in Area: surface to \approx 200 feet.

Depth Base of Moderately Saline Water: 200 - 300 feet.

Confining Interval: Green River shales & silts.

Reviewer: D. Jones Date: 7/19/20/93

Comments & Recommendation Well should be approved for
injection - have requested more information from
field.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

July 28, 1993

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-135

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement
Administrative Secretary

Enclosure
WO1168





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

July 28, 1993

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-135

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168



062003040000000000000013284187836817311415111111111111111124395

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF LOMAX EXPLORATION CO. FOR	:	
ADMINISTRATIVE APPROVAL OF THE	:	CAUSE NO. UIC-135
STATE 13-32 WELL LOCATED IN	:	
SECTION 32, TOWNSHIP 8 SOUTH,	:	
RANGE 17 EAST, S.L.M., DUCHESNE	:	
COUNTY, UTAH, AS A CLASS II	:	
INJECTION WELL	:	

---ooOoo---

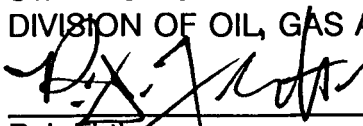
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Lomax Exploration Company for administrative approval of the State 13-32 Well, located in Section 32, Township 8 South, Range 17 East, Duchesne County, Utah, for conversion to a Class II injection well. The well is located within the Gilsonite Secondary Recovery Unit area approved by the Board of Oil, Gas and Mining in Cause No. 229-1 on April 6, 1993. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River formation from approximately 4950 feet to 5000 feet will be selectively perforated to provide for secondary recovery operations by water-flooding. The estimated average injection pressure is 1650 psig or less with a maximum requested injection pressure of 2000 psig. The injection volume will be approximately 1200 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 26th day of July, 1993.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


R.J. Firth
Associate Director, Oil and Gas

WUI101

**Lomax Exploration Company
State 13-32 Well
Cause No. UIC-135**

Publication Notices were sent to the following:

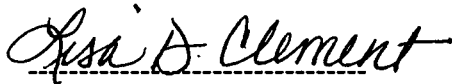
Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Lomax Exploration Company
P.O. Box 1446
Roosevelt, Utah 84066

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

A handwritten signature in cursive script that reads "Lisa D. Clement". The signature is written in dark ink and is positioned above a horizontal dashed line.

Lisa D. Clement
Administrative Secretary
July 28, 1993



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

July 28, 1993

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-135

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

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Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

July 28, 1993

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-135

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

August 19, 1993

Lomax Exploration Company
P.O. Box 1446
Roosevelt, Utah 84066

Gentlemen:

Re: Conversion of the State #13-32 Well Located in Section 32, Township 8 South, Range 17 East, Duchesne County, Utah, to a Class II Injection Well

In accordance with Utah Admin. R. 649-5-3-3, administrative approval for conversion of the referenced well to a Class II injection well is granted.

The following actions are necessary to fully comply with this approval:

1. Compliance with the Underground Injection Control requirements for operation, maintenance and reporting for Class II injection wells pursuant to Utah Admin. R. 649-1 et seq.
2. Conformance with all conditions of the submitted application.

If you have any questions regarding this approval or the necessary requirements, please contact this office.

Sincerely,

R. J. Firth

Associate Director, Oil and Gas

cc: Tom Pike, USEPA

WUI229



AFFIDAVIT OF PUBLICATION

County of Duchesne,

STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the
PUBLISHER of the Uintah Basin Standard, a weekly
newspaper of general circulation, published at
Roosevelt, State and County aforesaid, and that a certain
notice, a true copy of which is hereto attached, was
published in the full issue of such newspaper
for 1 consecutive issues, and that the first
publication was on the 3 day of Aug,
1993, and that the last publication of such notice was
in the issue of such newspaper dated the 3 day
of Aug, 1993.

Subscribed and sworn to before me this

4 day of Aug, 1993

Jean Ercanbrack

Notary Public

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-135

IN THE MATTER OF
THE APPLICATION OF
LOMAX EXPLORA-
TION CO. FOR ADMIN-
ISTRATIVE AP-
PROVAL OF THE
STATE 13-32 WELL
LOCATED IN SECTION
32, TOWNSHIP 8
SOUTH, RANGE 17
EAST, S.L.M.,
DUCHESTER COUNTY,
UTAH, AS A CLASS II
INJECTION WELL.

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED IN
THE ABOVE EN-
TITLED MATTER.

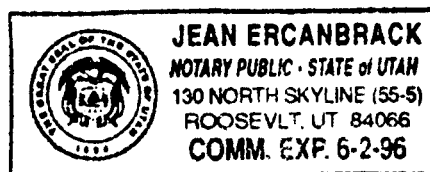
Notice is hereby given
that the Division is com-
mencing an informal ad-
judicative proceeding to
consider the application
of Lomax Exploration
Company for administrative
approval of the State
13-32 Well, located in
Section 32, Township 8
South, Range 17 East,
Duchesne County, Utah,
for conversion to a Class
II injection well. The well
is located within the
Gilsenite Secondary Re-
covery Unit area ap-
proved by the Board of
Oil, Gas and Mining in
Cause No. 229. For April
6, 1993. The proceeding
will be conducted in ac-
cordance with Utah
Admin. R. 649-10, Ad-
ministrative Procedures.

The Green River for-
mation from approxi-
mately 4950 feet to 5000
feet will be selectively
perforated to provide for
secondary recovery op-
erations by water-flood-
ing. The estimated aver-
age injection pressure is
1650 psig or less with a
maximum requested in-
jection pressure of 2000
psig. The injection vol-
ume will be approxi-
mately 1200 barrels or
water per day.

Any person desiring
to object to the applica-
tion or otherwise inter-
vene in the proceeding,
must file a written pro-
test or notice of interven-
tion with the Division
within fifteen days of the
date of publication of this
notice. If such a protest
or notice of intervention
is received, a hearing will
be scheduled before the
Board of Oil, Gas and
Mining. Protestants and/
or intervenors should be
prepared to demonstrate
at the hearing how this
matter affects their inter-
ests.

DATED this 26th day
of July, 1993

STATE OF UTAH
DIVISION OF OIL, GAS
AND MINING
J. Paul
Associate Director, Oil
and Gas
Published in the Uintah
Basin Standard August 3,
1993



COPY

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: LOMAX

WELL NAME: GILSONITE STATE 13-32

API NO. 43-013-31403

Section 32 Township 8S Range 17E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 9/6/94

Time 2:00 PM

How ROTARY

Drilling will commence

Reported by KERBY JONES

Telephone # 1-722-5103

Date 9/6/94 SIGNED MKH

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: **Water Injector**

2. Name of Operator:
LOMAX EXPLORATION

3. Address and Telephone Number:
P.O. Box 1446 Roosevelt, Utah 84066 (801)722-5103

4. Location of Well
Footages: **5' FSL 5' FWL**
QQ, Sec., T., R., M.: **SW/SW Section 32, T8S, R17E**

5. Lease Designation and Serial Number:

ML-22060

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

Gilsonite Unit

8. Well Name and Number:

Gilsonite State 13-32

9. API Well Number:

43-013-31403

10. Field and Pool, or Wildcat:

Monument Butte

County: **Duchesne**

State: **Utah**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other APD Extension | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

LOMAX EXPLORATION IS REQUESTING AN EXTENSION OF THE APPLICATION & PERMIT TO DRILL FOR THE ABOVE REFERENCED WELL. AS OF THIS DATE, LOCATION HAS BEEN BUILT AND UNION DRILLING RIG IS PREPARING TO MOVE IN AND RIG UP. ROCKET SANITATION HAS MOVED IN EQUIPMENT, THE RESERVE PIT IS BEING LINED AND PIPE HAS BEEN LAID TO FILL RESERVE PIT.

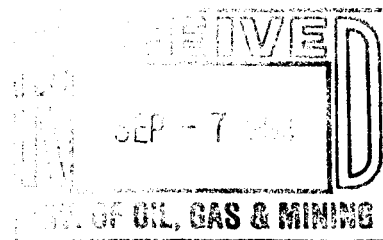
13.

Name & Signature: **Brad Mechem**

Brad Mechem

Title: **Reg. Production Mgr.** Date: **9/2/94**

(This space for State use only)



FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.1. Type of Well: OIL ☐ GAS ☐ OTHER: **Water Injector**2. Name of Operator:
LOMAX EXPLORATION3. Address and Telephone Number:
P.O. Box 1446 Roosevelt, Utah 84066 (801)722-51034. Location of Well
Footages: **5' FSL 5' FWL**
CO, Sec., T., R., M. **SW/SW Section 32, T8S, R17E**5. Lease Designation and Serial Number:
ML-22060

6. If Indian, Alutotee or Tribe Name:

7. Unit Agreement Name:
Gilsonite Unit8. Well Name and Number:
Gilsonite State 13-329. API Well Number:
43-013-3140310. Field and Pool, or Wildcat:
Monument ButteCounty: **Duchesne**
State: **Utah**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other APD Extension | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured vertical depths for all markers and zones pertinent to this work.)

LOMAX EXPLORATION IS REQUESTING AN EXTENSION OF THE APPLICATION & PERMIT TO DRILL FOR THE ABOVE REFERENCED WELL. AS OF THIS DATE, LOCATION HAS BEEN BUILT AND UNION DRILLING RIG IS PREPARING TO MOVE IN AND RIG UP. ROCKET SANITATION HAS MOVED IN EQUIPMENT, THE RESERVE PIT IS BEING LINED AND PIPE HAS BEEN LAID TO FILL RESERVE PIT.

13

Name & Signature: Brad Mechem

Brad Mechem

(This space for State use only)

Title **Reg. Production Mgr.** Date: **9/2/94**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: 9/6/94BY: [Signature]

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: **Water Injector**

2. Name of Operator:

LOMAX EXPLORATION

3. Address and Telephone Number:

P.O. Box 1446 Roosevelt, Utah 84066 (801)722-5103

4. Location of Well

Footages: **5' FSL 5' FWL**

OO, Sec., T., R., M.: **SW/SW Section 32, T8S, R17E**

5. Lease Designation and Serial Number:

ML-22060

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

Gilsonite Unit

8. Well Name and Number:

Gilsonite State #13-32

9. API Well Number:

43-013-31403

10. Field and Pool, or Wildcat:

Monument Butte

County: **Duchesne**

State: **Utah**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Notification of Spud | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

LOMAX EXPLORATION IS REQUESTING THAT THE ABOVE REFERECED WELL BE PLACED ON "CONFIDENTIAL" STATUS.

LOMAX EXPLORATION REPORTS THAT THE ABOVE REFERENCED WELL WAS SPUD BY UNION DRILLING RIG #17 @ 9:00 A.M., SEPTEMBER 6, 1994. A 17" HOLE WAS DRILLED AND 13 - 3/8" CONDUCTOR WAS SET. A 12 - 1/4" HOLE WAS DRILLED TO 354'. 307.65' KB OF 8 - 5/8" - 24# - J-55 SURFACE CASING WAS SET & CEMENTED W/ 225 SKS OF CLASS "G" CEMENT W/ 2% CACL & 1/4# CELLO FLAKE.

13.

Name & Signature:

Brad Mecham
Brad Mecham

Title: **Reg. Production Mgr** Date: **9/9/94**

(This space for State use only)

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	99990	43-013-31403	Gilsonite St. #13-32	SW/SW	32	8S	17E	Duchesne	9/6/94	9/6/94
WELL 1 COMMENTS: <i>Entity added 9-13-94. Lee</i>											
W 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Signature

Production Sec.

9/9/94

Title

Date

Phone No. (801) 722-5103

SEP

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SEP 21 1994

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: Water Injector

2. Name of Operator: LOMAX EXPLORATION

3. Address and Telephone Number: P.O. Box 1446 Roosevelt, Utah 84066 (801) 722-5103

4. Location of Well

Footages: 5' FSL 5' FWL
SW/SW Section 32, T8S R17E
QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number: ML-22060

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name: Gilsonite Unit

8. Well Name and Number: Gilsonite State #13-32

9. API Well Number: 43-013-31403

10. Field and Pool, or Wildcat: Monument Butte

County: Duchesne
Utah
State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Weekly Status Report | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

WEEKLY STATUS REPORT FOR THE WEEK BEGINNING 9/7/94 - 9/16/94:

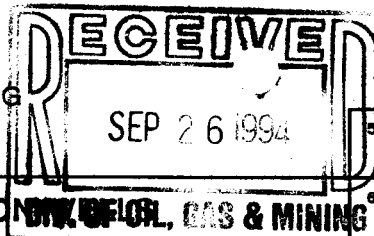
DRILLED 7 7/8" HOLE FROM 354' TO TD OF 6100'. CURRENTLY LOGGING WITH SCHLUMBERGER.

13.

Name & Signature: Brad Mecham *Brad Mecham* Title: Reg. Production Mgr. Date: 9/17/94

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



5. Lessee Designation and Serial Number:
ML-22060

6. If Indian, Allottee or Tribe Name:

SUNDRY NOTICES AND REPORTS ON OIL, GAS & MINING

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: Water Injector

7. Unit Agreement Name:
Gilsonite Unit

2. Name of Operator:
LOMAX EXPLORATION

8. Well Name and Number:
Gilsonite State # 13-32

3. Address and Telephone Number:
P.O. Box 1446 Roosevelt, Utah 84066 (801) 722-5103

9. API Well Number:
43-013-31403

4. Location of Well 5' FSL 5' FWL
Footages: SW/SW Section 32, T8S, R17E

10. Field and Pool, or Wildcat:
Monument Butte

QQ, Sec., T., R., M.:

County: Duchesne
State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Weekly Status Report</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Weekly Status Report for the week beginning 9/17/94 - 9/23/94:

Logging w/ Schlumberger. Ran 5 1/2" 17# J-55 csg & set @ 6094.73'. Cement csg in two stages. 1st Stage - 68 sks Hilift & additives, 393 sks 50/50 Poz/G & additives and displaced w/ water. (Circulated cement off of stage tool to surface pit between stage 1 & 2). 2nd Stage - 218 sks Hilift & additives, 128 sks 50/50 Poz/G & additives, and displace w/ water.

Waiting on Completion Rig.

13.

Name & Signature: Brad Mecham

Brad Mecham

Title: Reg. Production Mgr. Date: 9/23/94

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

OCT 4 1994

5. Lease Designation and Serial Number:

ML-22060

6. If Indian, Allottee or Tribe Name:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

Gilsonite Unit

1. Type of Well: OIL ☐ GAS ☐ OTHER: Water Injector

8. Well Name and Number:

Gilsonite State # 13-32

2. Name of Operator:
LOMAX EXPLORATION

9. API Well Number:

43-013-31403

3. Address and Telephone Number:

P.O. Box 1446 Roosevelt, Utah 84066 (801) 722-5103

10. Field and Pool, or Wildcat:

Monument Butte

4. Location of Well

5' FSL 5' FWL

Footages:

SW/SW Section 32, T8S, R17E

County: Duchesne

State: Utah

QQ, Sec., T., R., M.:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Weekly Status Report</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Weekly Status Report for the week beginning 9/24/94 - 9/30/94:

Installing Injection Line.

Waiting on Completion Rig.

13.

Name & Signature:

Brad Mecham

Title:

Reg. Production Mgr.

Date:

9/30/94

(This space for State use only)

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)

1. Well name and number: Gilsonite State# 13-32
API number: 43-013-31403
2. Well location: QQ SW/SW section 32 township 8S range 16E county Duchesne
3. Well operator: Lomax Exploration Co.
Address: P.O. Box 1446 phone (801) 722-5103
Roosevelt, Utah 84066
4. Drilling contractor: Union Drilling Rig #17
Address: P.O. Drawer 40 phone: (304) 472-4610
Buckhannon WV 26201-0040

5. Water encountered (continue on reverse side if necessary)

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
1199'	1499'	Water flow stopped when we switched from air to fluid @ 1499'.	

6. Formation tops: _____

If an analysis has been made of the water encountered, please attach a copy of the report to this form. Attached

I certify that this report is true and complete to the best of my knowledge.

Name Brad Mecham Signature Brad Mecham
Title Reg. Prod. Manager Date 9/21/94

Comments:



Western Unichem

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

WATER ANALYSIS REPORT

COMPANY LOMAX EXPLORATION ADDRESS _____ DATE 9-20-94

SOURCE Gilsonite State 13-32 DATE SAMPLED 8-8-94 ANALYSIS NO. _____

	Analysis	Mg/l(ppm)	*Meq/l
1. PH	<u>9.8</u>		
2. H ₂ S (Qualitative)	<u>14</u>		
3. Specific Gravity	<u>1.031</u>		
4. Dissolved Solids		<u>62,755</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count	<u>--</u>	C/MI	
7. Methyl Orange Alkalinity (CaCO ₃)			
8. Bicarbonate (HCO ₃)	HCO ₃ <u>30,400</u>	÷ 61 <u>498</u>	HCO ₃
9. Chlorides (Cl)	Cl <u>12,700</u>	÷ 35.5 <u>358</u>	Cl
10. Sulfates (SO ₄)	SO ₄ <u>0</u>	÷ 48 <u>0</u>	SO ₄
11. Calcium (Ca)	Ca <u>32</u>	÷ 20 <u>2</u>	Ca
12. Magnesium (Mg)	Mg <u>0</u>	÷ 12.2 <u>0</u>	Mg
13. Total Hardness (CaCO ₃)	<u>80</u>		
14. Total Iron (Fe)	<u>1.1</u>		
15. Barium (Qualitative)			
16. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

2	Ca	←	HCO ₃	498
0	Mg	→	SO ₄	0
854	Na	→	Cl	358

Saturation Values

CaCO₃

CaSO₄ · 2H₂O

MgCO₃

Distilled Water 20°C

13 Mg/l

2,090 Mg/l

103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04		2		162
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		496		41,664
Na ₂ SO ₄	71.03				
NaCl	58.46		358		20,929

REMARKS

Taken while drilling

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: Water Injector

2. Name of Operator:
LOMAX EXPLORATION CO

3. Address and Telephone Number:
P.O. Box 1446, Roosevelt, UT 84066 (801) 722-5103

4. Location of Well
Footages: 5' FSL 5' FWL
QQ, Sec., T., R., M. SW/SW Sec. 32, T8S, R17E

5. Lease Designation and Serial Number:

ML-22060

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

Gilsonite Unit

8. Well Name and Number:

Gilsonite State #13-32

9. API Well Number:

43-013-31403

10. Field and Pool, or Wildcat:

Monument Butte

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Weekly Status Report</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Weekly Status Report for the week beginning 10/7/94 - 10/13/94:

Perforate & Frac "A" sand @ 5222'-28, 30'-36'

"B" sand @ 5074'-84'

"C" sand @ 4925'-44'

Remove BP's. Clean out to cmt top @ 5306'.

1017

13.

Name & Signature: Brad Mechem

Brad Mechem

Title: Reg. Production Mgr

Date: 10/14/94

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

OCT 20 1994

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

Lease Designation and Serial Number:

ML-22060

If Indian, Allottee or Tribe Name:

Gilsonite Unit

Unit Agreement Name:

Gilsonite State #13-32

1. Type of Well: OIL ☐ GAS ☐ OTHER: Water Injector8. Well Name and Number:
43-013-314032. Name of Operator:
LOMAX EXPLORATION COMPANY

9. API Well Number:

3. Address and Telephone Number:
P.O. Box 1446 Roosevelt, Utah (801) 722-5103

10. Field and Pool, or Wildcat:

4. Location of Well 5' FSL 5' FWL
Footages: SW/SW Section 32, T8S, R17E
QQ, Sec., T., R., M.:

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Weekly Status Report</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Weekly Status Report for the week beginning 10/22/94 - 10/28/94**ON INJECTION @ 6:00 PM 10/21/94.****PACKER SET @ 4887'**

PERFORATIONS: 4925'-44' W/ 4 SPF
 5074'-84' W/4 SPF
 5222'-28' W/4 SPF
 5230'-36' W/4 SPF

13.

Name & Signature: Brad Mecham



Title: Reg. Production Manager Date: 10/26/94

(This space for State use only)

LOMAX EXPLORATION COMPANY

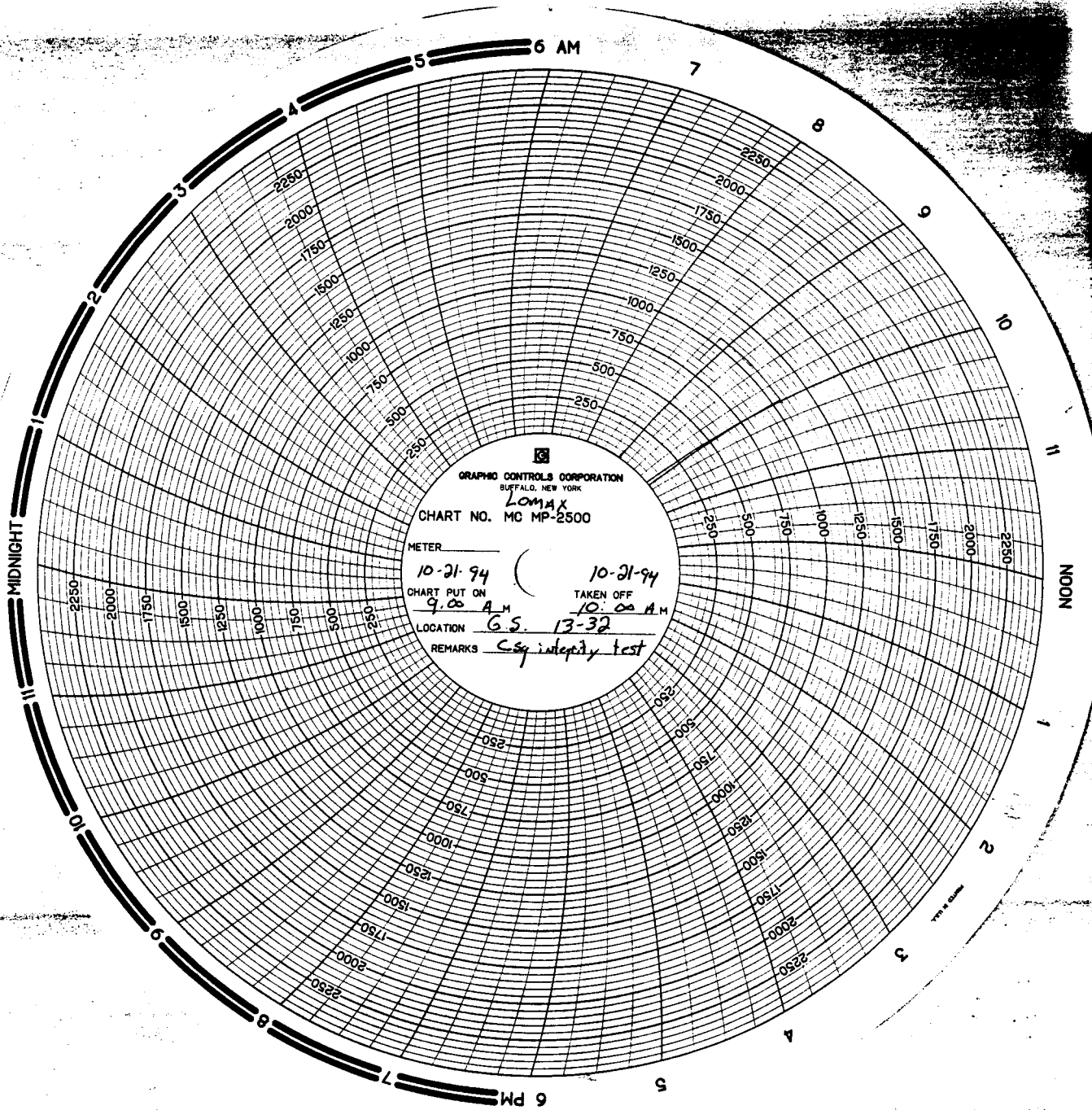
**GILSONITE STATE #13-32
SW/SW SEC. 32, T8S, R17E
DUCHESNE CO., UTAH**

**CASING INTEGRITY TEST
OCTOBER 21, 1994**

<u>TIME</u>	<u>TEST</u>
0 MIN	1060# PSIG
10 MIN	1060#
20 MIN	1060#
30 MIN	1060#
40 MIN	1060#
50 MIN	1060#
60 MIN	1060#
70 MIN	1060#
80 MIN	1060#
90 MIN	1060#
100 MIN	1060#
110 MIN	1060#
120 MIN	1060#

TUBING PRESSURE WAS 0#

TEST CONDUCTED BY - JODY LIDDELL W/ LOMAX EXPLORATION



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

OCT 28 1994

Lease Designation and Serial Number:

ML-22060

Indian, Allottee or Tribe Name:

SUNDRY NOTICES AND REPORTS ON WELLS

DIV. OF OIL, GAS & MINING

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

Fracturing Agreement Name:

Gilsonite Unit

1. Type of Well: OIL ☐ GAS ☐ OTHER: Water Injector

8. Well Name and Number:

Gilsonite State #13-32

2. Name of Operator:

LOMAX EXPLORATION

9. API Well Number:

43-013-31403

3. Address and Telephone Number:

P.O. Box 1446 Roosevelt, Utah 84066 (801) 722-5103

10. Field and Pool, or Wildcat:

4. Location of Well

Footages: 5' FSL 5' FWL
SW/SW Section 32, T8S, R17E
QQ, Sec., T., R., M.:

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- ☐ Abandonment ☐ New Construction
☐ Casing Repair ☐ Pull or Alter Casing
☐ Change of Plans ☐ Recompletion
☐ Conversion to Injection ☐ Shoot or Acidize
☐ Fracture Treat ☐ Vent or Flare
☐ Multiple Completion ☐ Water Shut-Off
☐ Other _____

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- ☐ Abandonment * ☐ New Construction
☐ Casing Repair ☐ Pull or Alter Casing
☐ Change of Plans ☐ Shoot or Acidize
☐ Conversion to Injection ☐ Vent or Flare
☐ Fracture Treat ☐ Water Shut-Off
☐ Other Weekly Status Report

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Weekly Status Report for the week beginning 10/14/94 - 10/21/94

Installing injection line and wellhead equipment for injection.

13.

Name & Signature: Brad Mecham



Title: Reg. Production Mgr. Date: 10/21/94

(This space for State use only)

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Lomax Exploration Co. **Well:** Waterflood Project, Injection Well 13-32

Location: Gilsonite Unit, Duchesne County

Ownership Issues: The proposed waterflood project is located in section 32, township 8 south, range 17 east Duchesne, Utah. The State of Utah is the surface owner of section 32 except for a northwest-southeast trending parcel of land which is owned by American Gilsonite and Mesa Petroleum. This parcel of land is underlain by a gilsonite vein which has been leased to the above companies. Lomax has served notice of application of the proposed project to both companies. The 13-32 well is located 5 feet from the south line and 5 feet from the west line. This unorthodox location was agreed to by Balcron, Lomax, the BLM and the State of Utah to protect correlative rights between the two waterflood units.

Well Integrity: The well proposed for injection is the State 13-32. This well has not yet been drilled. The proposed casing program includes an 8 5/8" surface casing set at 300 feet and will be cemented to surface. A 5 1/2" longstring will be set at approximately 6000 feet and cemented with 776 sacks of cement. A bond log will be run to determine cement top. The proposed injection interval is from 4950- 5000 feet (Green River Formation). A 2 7/8" tubing will be set in a packer no more than 100 feet above the perforations. This construction should adequately protect all USDW's. There are 9 producing wells and 2 existing injection wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the longstring and have adequate surface casing to prevent any migration of fluid up the hole. A casing test should be performed at the time of conversion and a casing/tubing pressure test should be performed prior to injection.

Ground Water Protection: The base of moderately saline water is at a depth of approximately 200 feet located in the Uinta Formation in the area of the project. Any shallow fresh water zones will be adequately protected by existing constructions of surrounding wells. No corrective action is needed on any wells in the area of review.

Oil/Gas & Other Mineral Resources Protection: The proposed injection well will be drilled and converted to injection to protect correlative rights. This lease line injector will be utilized to flood between state and federal mineral acreage. Information regarding the depth of the gilsonite vein that cuts the section was provided to Lomax by American Gilsonite Company. American Gilsonite states that the vein varies in width from 22-44

inches and may cut to a depth of approximately 2000 feet. All wells in the proposed project area including the injection well have adequate casing and cement programs to protect the gilsonite mineral interest.

Bonding: All the wells in the section are operated by Lomax and are covered by a state wide bond.

Actions Taken and Further Approvals Needed: The public notice for the proposed well was published on August 3rd in both the Uinta Basin Standard and the Salt Lake Tribune. There have been no objections filed with the Division as of this time. BLM approval of a right of way is needed for a section of the drilling location that is on Federal land. It is recommended that the well be administratively approved for conversion to injection so that correlative rights will be protected. It is the opinion of the staff that this well should be drilled and converted as soon as possible to prevent state minerals from being flooded into the bordering Balcron project.

DJJ
Reviewers

08-18-93
Date

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF LOMAX EXPLORATION CO. FOR ADMINISTRATIVE APPROVAL OF THE STATE 13-32 WELL LOCATED IN SECTION 32, TOWNSHIP 8 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL	: : : : :	NOTICE OF AGENCY ACTION CAUSE NO. UIC-135
--	-----------------------	--

---ooOoo---

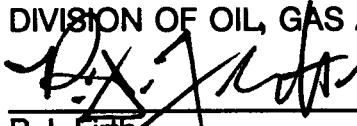
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Lomax Exploration Company for administrative approval of the State 13-32 Well, located in Section 32, Township 8 South, Range 17 East, Duchesne County, Utah, for conversion to a Class II injection well. The well is located within the Gilsonite Secondary Recovery Unit area approved by the Board of Oil, Gas and Mining in Cause No. 229-1 on April 6, 1993. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River formation from approximately 4950 feet to 5000 feet will be selectively perforated to provide for secondary recovery operations by water-flooding. The estimated average injection pressure is 1650 psig or less with a maximum requested injection pressure of 2000 psig. The injection volume will be approximately 1200 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 26th day of July, 1993.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


R.J. Firth
Associate Director, Oil and Gas

WUI101

**Lomax Exploration Company
State 13-32 Well
Cause No. UIC-135**

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Lomax Exploration Company
P.O. Box 1446
Roosevelt, Utah 84066

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

A handwritten signature in cursive script, reading "Lisa D. Clement". The signature is written in black ink and is positioned above a dashed horizontal line.

Lisa D. Clement
Administrative Secretary
July 28, 1993

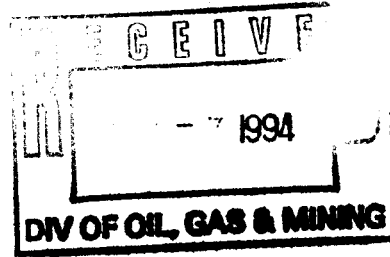
Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

November 3, 1994



*State of Utah
Division of Oil, Gas & Mining
ATTN: Mike Hebertson
355 West North Temple
Three Triad Center - Suite 350
Salt Lake City, Utah 84180-1203*



*RE: Gilsonite State #13-32
SW/SW Sec 32, T8S, R16E
Duchesne County, Utah*

Dear Mr. Hebertson,

Please find enclosed the Sundry Notice on the above referenced well that was placed on injection, and casing integrity test.

If you have any questions, please do not hesitate to contact me at the Roosevelt office, (801) 722-5103.

Sincerely,

A handwritten signature in cursive script, appearing to read "Brad Mecham".

*Brad Mecham
Regional Production Manager*

*bm/cc
Enclosures*

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

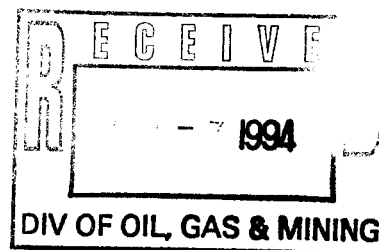
SUNDRY NOTICES AND REPORTS ON WELLS		5. Lease Designation and Serial Number: ML-22060
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Indian, Alkotee or Tribe Name:
1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: Water Injector		7. Unit Agreement Name: Gilsonite Unit
2. Name of Operator: LOMAX EXPLORATION COMPANY		8. Well Name and Number: Gilsonite State #13-32
3. Address and Telephone Number: P.O. Box 1446 Roosevelt, Utah 84066		9. API Well Number: 43-013-31403
4. Location of Well Footages: 5' FSL 5' FWL SW/SW Section 32, T8S, R17E QQ, Sec., T., R., M.:		10. Field and Pool, or Wildcat: Monument Butte County: Duchesne State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
<p style="text-align: center;">NOTICE OF INTENT (Submit in Duplicate)</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off </div> </div> <p>Approximate date work will start _____</p>	<p style="text-align: center;">SUBSEQUENT REPORT (Submit Original Form Only)</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input checked="" type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____ </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Casing Integrity Test </div> </div> <p>Date of work completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.</p> <p>* Must be accompanied by a cement verification report.</p>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Lomax Exploration Company reports that on 10/21/94 @ 6:00 PM, the above referenced well was put on injection.

A casing integrity test was conducted on 10/21/94



13. Name & Signature: Brad Mecham *Brad Mecham* Title: Operations Manager Date: 11/3/94

(This space for State use only)

LOMAX EXPLORATION COMPANY

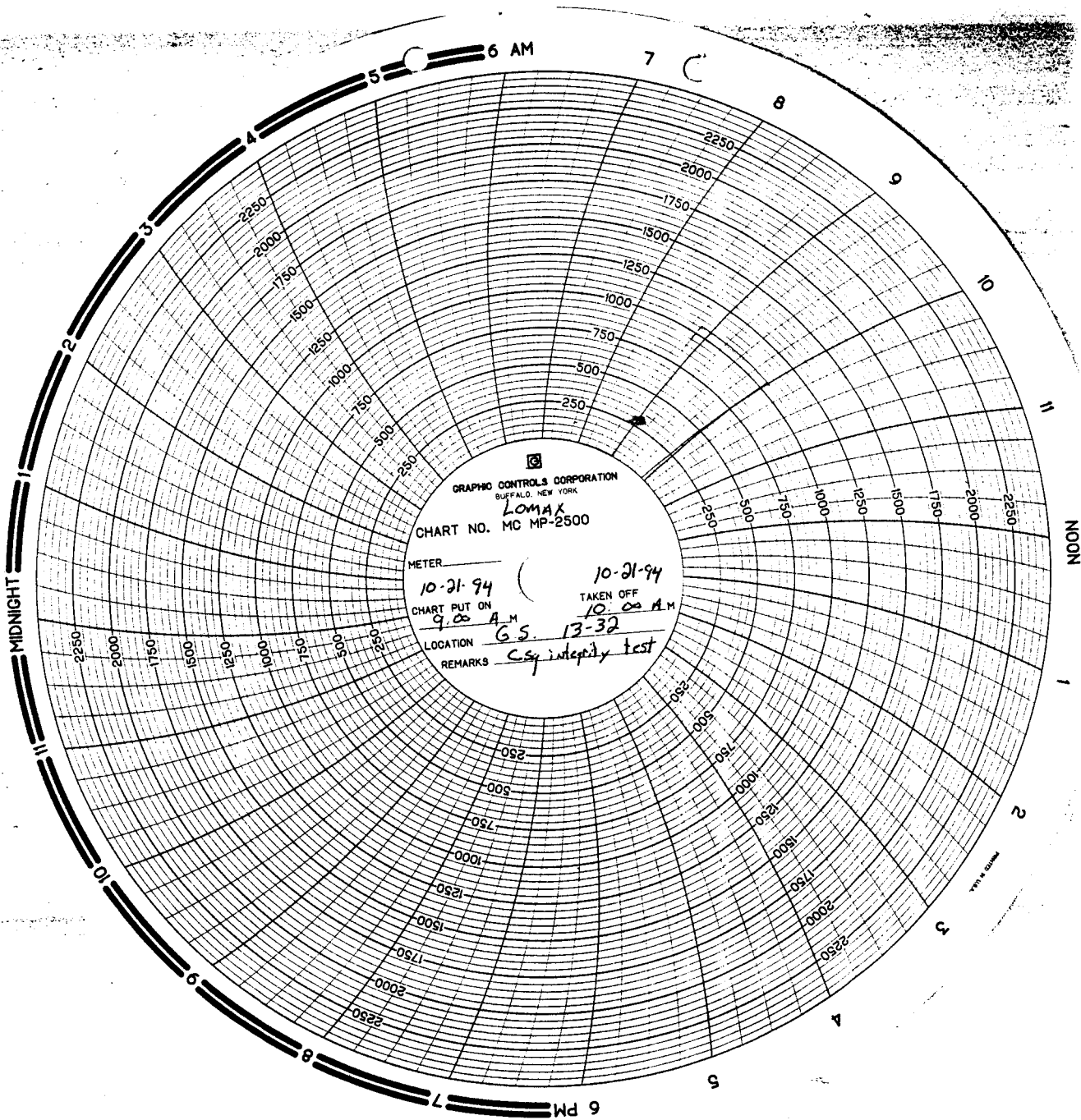
**GILSONITE STATE #13-32
SW/SW SEC. 32, T8S, R17E
DUCHESNE CO., UTAH**

**CASING INTEGRITY TEST
OCTOBER 21, 1994**

<u>TIME</u>	<u>TEST</u>
0 MIN	1060# PSIG
10 MIN	1060#
20 MIN	1060#
30 MIN	1060#
40 MIN	1060#
50 MIN	1060#
60 MIN	1060#
70 MIN	1060#
80 MIN	1060#
90 MIN	1060#
100 MIN	1060#
110 MIN	1060#
120 MIN	1060#

TUBING PRESSURE WAS 0#

TEST CONDUCTED BY - JODY LIDDELL W/ LOMAX EXPLORATION



*** (See Instructions and Spaces for Additional Data on Reverse Side)**

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

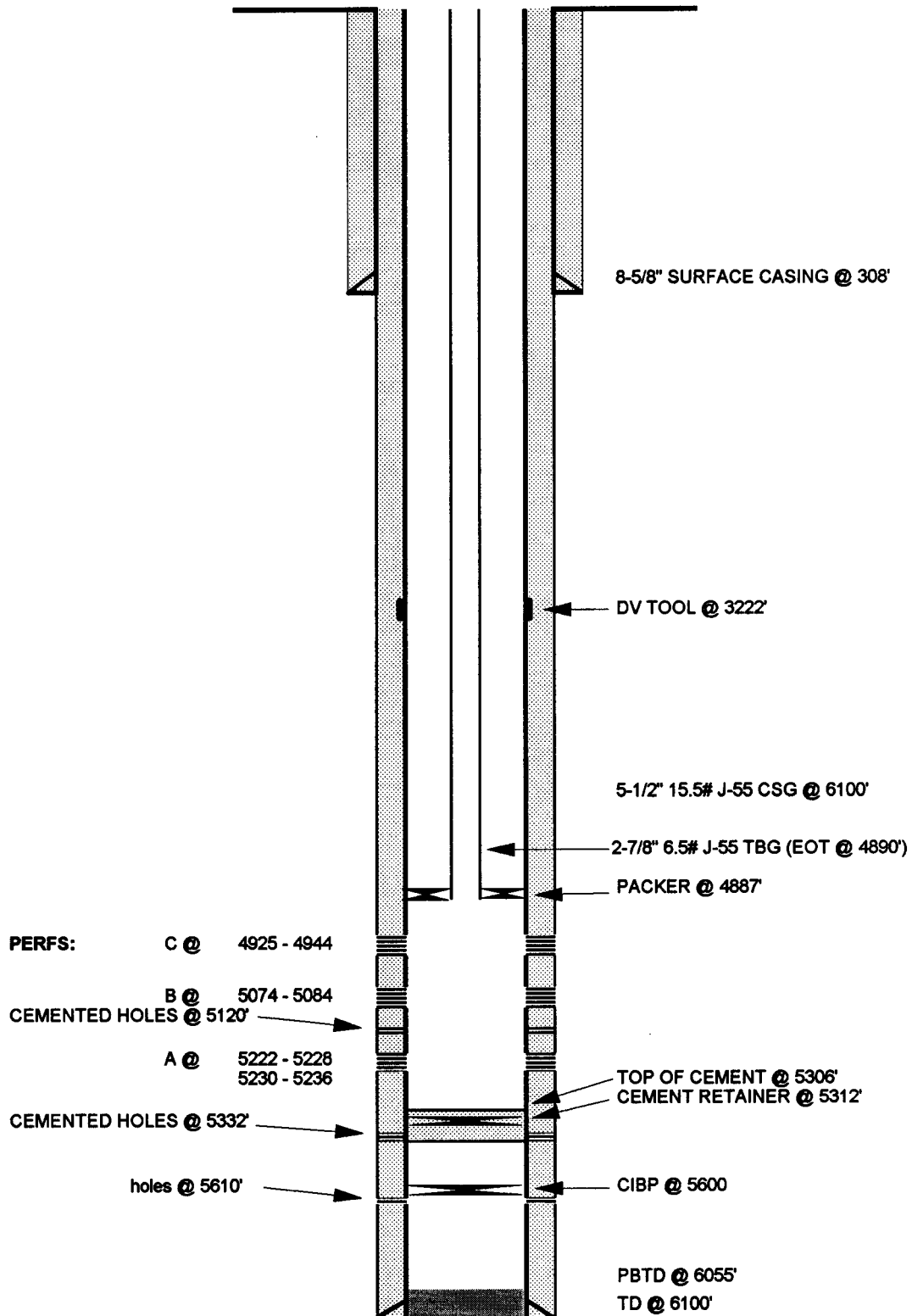
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS			
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
SEE ATTACHED						

GILSONITE STATE #13-32
SW/SW SECTION 32, T8S, R17E
DUCHESNE, UTAH



LOMAX EXPLORATION COMPANY

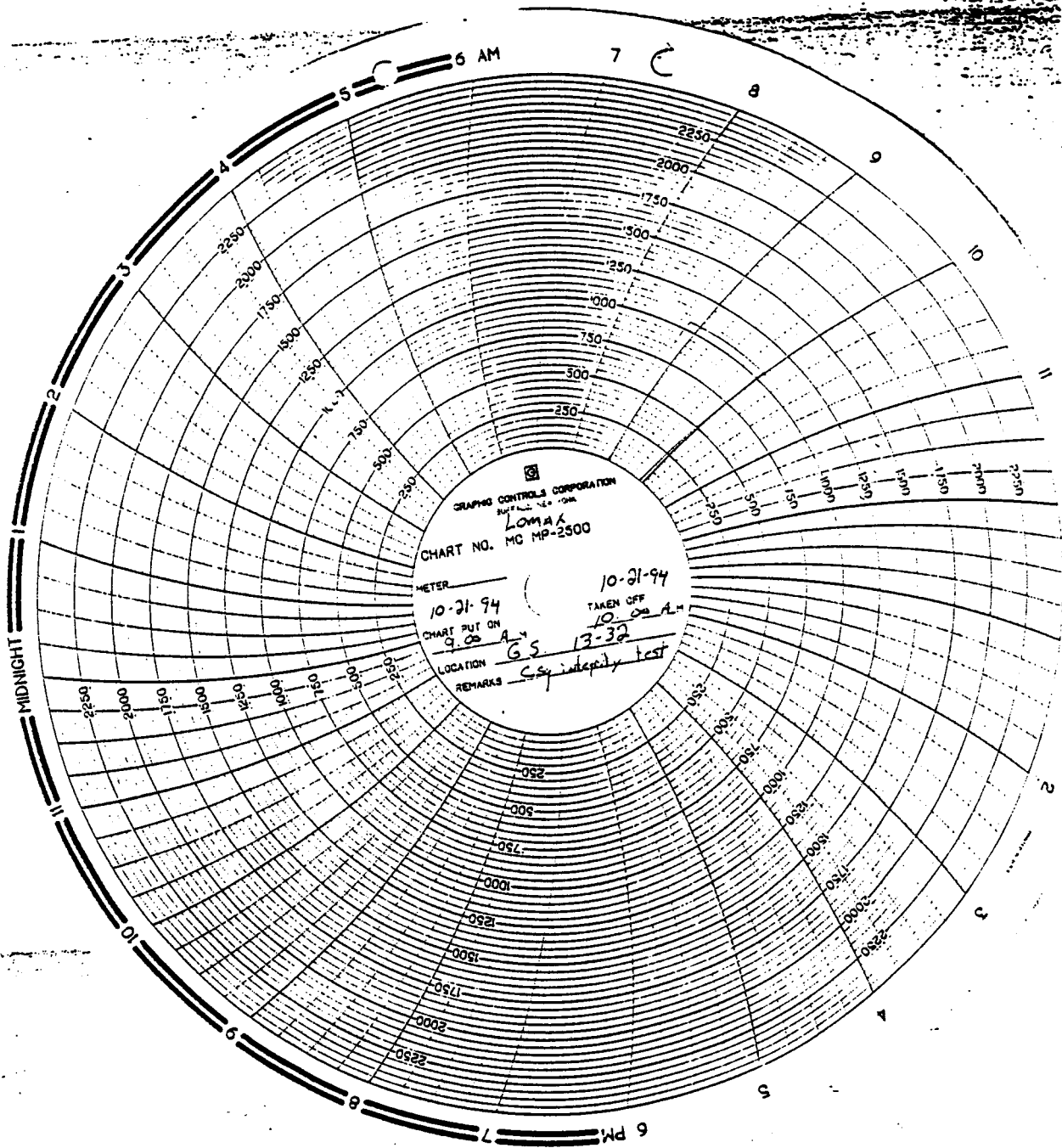
GILSONITE STATE #13-32
SW/SW SEC. 32, T8S, R17E
DUCHESNE CO., UTAH

CASING INTEGRITY TEST
OCTOBER 21, 1994

<u>TIME</u>	<u>TEST</u>
0 MIN	1060# PSIG
10 MIN	1060#
20 MIN	1060#
30 MIN	1060#
40 MIN	1060#
50 MIN	1060#
60 MIN	1060#
70 MIN	1060#
80 MIN	1060#
90 MIN	1060#
100 MIN	1060#
110 MIN	1060#
120 MIN	1060#

TUBING PRESSURE WAS 0#

TEST CONDUCTED BY - JODY LIDDELL W/ LOMAX EXPLORATION



REPORT NO: WTS21F
 RUN DATE : 11/01/1994

LOMAX EXPLORATION
 PRODUCTION FORECASTING SYSTEM
 WELL TEST WATER INJECTION REPORT

PAGE NO: 1

WELL : 434001	13-32 GILSONITE STATE WATER IN	DISTRICT :		WELL TYPE : INJECTION
FACILITY : 13-32	13-32 GILSONITE STATE WATER IN	NATION/ST: USA UT	UTAH	UPPER PERF: 4925
LEASE : GILS	GILSONITE	COUNTY : DUC	DUCHESNE	LOWER PERF: 5236
FIELD : GILS	GILSONITE STATE	OPERATOR : 000001	LOMAX EXPLORATION COMPANY	COMPLETED : 10/16/94
RESERVOIR: GRRV	GREEN RIVER	STATUS : IN	INJECTION WELL	ON LINE : 10/21/94

TEST DATE	T Y P N E O	WATER INJ VOLUME (bpd)	INJECTION PRESSURE (psi)	MAXIMUM PRESSURE (psi)	ANNULUS PRESSURE (psi)	REMARKS
10-21-94		0	0	0	0	STARTED INJECTION @ 4:30 P.M. ON 10/21 @ 100 BPD
10-22-94		80	550	0	0	INCREASED TO 200 BPD
10-23-94		235	0	0	0	CHOKE WAS PLUGGED - STARTED REINJECTING @ 300 BPD
10-24-94		274	0	0	0	OPENED CHOKE SOME - WELL HAS ALOT OF SUCTION
10-25-94		217	0	0	0	OPENED CHOKE TO 310 BPD - ABOUT 20# SUCTION
10-26-94		205	0	0	0	OPENED CHOKE TO 320 BPD - ABOUT 20# SUCTION
10-27-94		336	0	0	0	
10-28-94		297	0	0	0	
10-29-94		295	0	0	0	
10-30-94		286	0	0	0	
10-31-94		327	0	0	0	
TOTAL		2552				

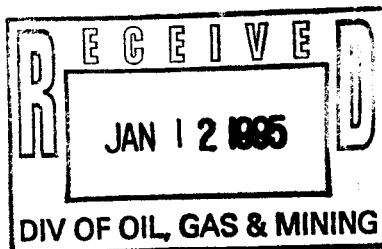
Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

January 11, 1995



*State of Utah
Division of Oil, Gas & Mining
ATTN: Vicky Carney
355 West North Temple
Three Triad Center - Suite 350
Salt Lake City, Utah 84180-1203*



*RE: Gilsonite State #13-32
SW/SW Sec. 32, T8S, R17E
Duchesne County, Utah
43 013 31403*

Dear Ms. Carney

Enclosed are the Litho Density Comp Neutron and Dual Laterolog Gamma Ray logs that were to have been sent direct from Schlumberger, that were overlooked, on the above referenced well.

*Please do not hesitate to call if there are any additional questions,
(801) 722-5103.*

Sincerely,



*Brad Mecham
Operations Manager*

*bm/cc
Enclosures*

Lomax Exploration Company

A subsidiary of Inland Resources Inc.



July 13, 1995

State of Utah Department of Natural Resources
Attention: Ms Becky Pritchett
355 W. North Temple
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1204

RE: Corporate Name Change

Dear Sir or Madame:

Effective July 1, 1995, Lomax Exploration Company will have taken the steps necessary to change its name to **Inland Production Company**. A Certificate issued by the Texas Secretary of State evidencing the name change is attached for your files. We have also attached to this letter those Utah State leases (Exhibit "B") and wells (Exhibit "A") affected by this name change. We have attempted to provide a complete list from the records we have. The intent is to include all leases and wells that Lomax Exploration Company operates or has an interest in.

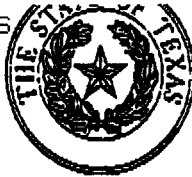
Riders changing the Principal from Lomax Exploration Company to Inland Production Company under Nationwide Oil and Gas Bond # 4488944 for Lomax Exploration Company will be furnished to the State of Utah in the very near future.

Please amend your records by substituting Inland Production Company in place of Lomax Exploration Company on the leases and wells listed on the attached exhibits. In the future we will begin submitting notices and permits for new operations after July 1, 1995 in the name of Inland Production Company.

Should a fee be required or should you need further information or documents relating to our name change please contact the undersigned at your convenience at the following number: (303) 292-0900 or Cheryl Cameron at our Roosevelt, Utah office (801) 722-5103.

Sincerely yours,

Chris A Potter, CPL
Manager of Land



The State of Texas

Secretary of State
JUNE 30, 1995

MIKE PARSONS...GLAST, PHILLIPS & MURRAY
2200 ONE GALLERIA TWR, 13355 NOEL RD, LB48
DALLAS ,TX 75240-6657

RE:
INLAND PRODUCTION COMPANY
CHARTER NUMBER 00415304-00

IT HAS BEEN OUR PLEASURE TO APPROVE AND PLACE ON RECORD YOUR ARTICLES
OF AMENDMENT. A COPY OF THE INSTRUMENT FILED IN THIS OFFICE IS
ATTACHED FOR YOUR RECORDS.

THIS LETTER WILL ACKNOWLEDGE PAYMENT OF THE FILING FEE.

IF WE CAN BE OF FURTHER SERVICE AT ANY TIME, PLEASE LET US KNOW.

VERY TRULY YOURS,




Antonio O. Garza, Jr., Secretary of State



The State of Texas

Secretary of State

CERTIFICATE OF AMENDMENT

FOR

INLAND PRODUCTION COMPANY

FORMERLY

LOMAX EXPLORATION COMPANY
CHAPTER NUMBER 00415304

THE UNDERSIGNED, AS SECRETARY OF STATE OF THE STATE OF TEXAS,
HEREBY CERTIFIES THAT THE ATTACHED ARTICLES OF AMENDMENT FOR THE ABOVE
NAMED ENTITY HAVE BEEN RECEIVED IN THIS OFFICE AND ARE FOUND TO
CONFORM TO LAW.

ACCORDINGLY THE UNDERSIGNED, AS SECRETARY OF STATE, AND BY VIRTUE
OF THE AUTHORITY VESTED IN THE SECRETARY BY LAW, HEREBY ISSUES THIS
CERTIFICATE OF AMENDMENT.

DATED JUNE 29, 1995

EFFECTIVE JUNE 29, 1995




Antonio O. Garza, Jr., Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
LOMAX EXPLORATION COMPANY

FILED
In the Office of the
Secretary of State of Texas

JUN 29 1995

Corporations Section

Pursuant to the provisions of Part Four of the Texas Business Corporation Act, the undersigned corporation adopts the following articles of amendment to its Articles of Incorporation:

1. Name. The name of the corporation is LOMAX EXPLORATION COMPANY.
2. Statement of Amendment. The amendment alters or changes Article One of the original Articles of Incorporation to read in full as follows:

"Article One. The name of the corporation is INLAND PRODUCTION COMPANY."

3. Shareholders. The number of shares of the corporation outstanding at the time of such adoption was 205,315, there being 107,546 Common Shares and 97,769 Non-voting Preferred Shares; and the number of shares entitled to vote thereon was 107,546.

4. Adoption by Shareholders. Only the holders of Common Shares of the corporation are entitled to vote on the amendment. The shareholders adopted the foregoing amendment by unanimous written consent dated June 23, 1995, pursuant to the provisions of Article 9.10 of the Texas Business Corporation Act and, therefore, no notice was required to be delivered under said Article 9.10.

5. Adoption by Board of Directors. The Board of Directors adopted said amendment by a consent in writing signed by all Directors.

6. Future Effective Date. This amendment will become effective on July 1, 1995, at 12:01 a.m.

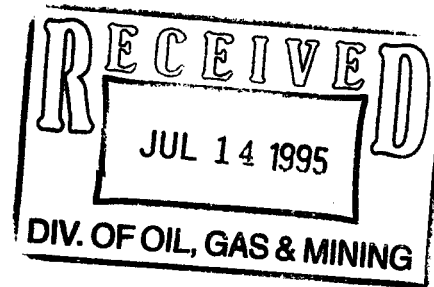
EXECUTED June 26, 1995.



Kyle R. Miller, President

Lomax Exploration Company

A subsidiary of Inland Resources Inc.



Announcing
Our Name Change

From

Lomax Exploration Company

To

**Inland Production
Company**

** N 5160 assigned 7/26/95. Lee*

Field And Corporate Office Locations Remain The Same:

Corporate Office:

Inland Resources Inc.

475 Seventeenth Street, Suite 1500

Denver, CO 80202

Field Office:

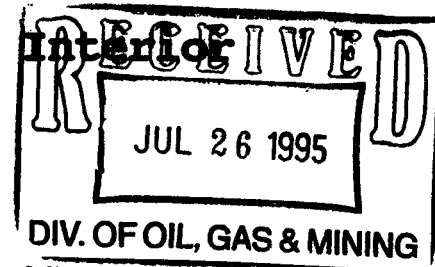
W. Pole Line Road

P.O. Box 1446

Roosevelt, Utah 84066

**United States Department of the Interior
BUREAU OF LAND MANAGEMENT**

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155



JUL 25 1995

IN REPLY REFER TO:
3100
SL-065914 et al
(UT-923)

NOTICE

Inland Production Company	:	Oil and Gas Leases
475 Seventeenth St., Ste. 1500	:	SL-065914 et al
Denver, Colorado 80202	:	

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Lomax Exploration Company to Inland Production Company on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

For our purposes, the name change is recognized effective June 29, 1995 (Secretary of State's approval date).

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Lomax Exploration Company to Inland Production Company on Bond No. 4488944 (BLM Bond No. UT0056). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to this office. BLM Bond Nos. MT0771 and WY0821 should also be changed for the bonds held by Montana and Wyoming respectively.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

Enclosure
1-Exhibit (1 p)

cc: Hartford Accident & Indemnity Co.
Hartford Plaza
Hartford, CT 06115

bc: Moab District Office
Vernal District Office
Montana State Office
Wyoming State Office
Eastern States Office
MMS--Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
State of Utah, Attn: Lisha Cordova, Division of Oil, Gas & Mining,
355 West North Temple, 3 Triad Center, Suite 350, SLC, UT 84180
Teresa Thompson (UT-922)
Dianne Wright (UT-923)

EXHIBIT

SL-065914	U-36846	UTU-66185
SL-071572A	U-38428	UTU-67170
U-02458	U-45431	UTU-68548
U-15855	U-47171	UTU-69060
U-16535	U-50376	UTU-69061
U-26026	U-62848	UTU-72103
U-34173	UTU-65965	UTU-72104
U-36442	UTU-66184	UTU-73088

FAX COVER SHEET



RESOURCES INC.
475 17th Street, Suite 1500
Denver, CO 80202
303-292-0900, Fax #303-296-4070

DATE: August 8, 1995

TO: Lisha Cordova

COMPANY: State of Utah - Division of Oil, Gas and Mining

FAX NUMBER: 801 359 3940

FROM: Chris A Potter

NUMBER OF PAGES: 1 (INCLUDING COVER SHEET):

RE: Transfer of Authority to Inject
Lomax Exploration Company to Inland Production Company

I hope the info I sent to you August 1st was acceptable regarding our name change and your phone call to me last week.....

If there is anything missing or you need additional info, please let me know. I am located in our Denver office.....

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Routing: (GIL)	
1-PL	✓
2-SJ	✓
3-FILE	✓
4-VLC	✓
5-RJE	✓
6-LWP	✓

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

(MERGER)

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-29-95)

TO (new operator) INLAND PRODUCTION COMPANY
(address) PO BOX 1446
ROOSEVELT UT 84066
KEBBIE JONES
phone (801) 722-5103
account no. N 5160

FROM (former operator) LOMAX EXPLORATION COMPANY
(address) PO BOX 1446
ROOSEVELT UT 84066
KEBBIE JONES
phone (801) 722-5103
account no. N 0580

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-31403</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (6-11-95)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) (no) If yes, show company file number: (7-28-95)
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (7-31-95)
- See 6. Cardex file has been updated for each well listed above. 8-16-95
- See 7. Well file labels have been updated for each well listed above. 8-22-95
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (7-31-95)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) *Trust Lands Admin. / Rider or Repl. in Progress.*

- N/A Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

- OTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
8/23/95 sent to Ed Bunker

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: August 30 1995.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950726 BLM/SL Appr. rH. 6-29-95.

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓LOMAX	4-35/43-013-30605	MONUMENT BUT	08S	16E	35	INJW	416535 N
✓LOMAX	43-013-30624	STATE 5-36	08S	16E	36	INJW	ML22061 N
✓LOMAX	43-013-30592	STATE 1-36	08S	16E	36	INJW	ML22061 N
✓LOMAX	43-013-30787	12-32	08S	17E	32	INJW	ML22060 Y
✓LOMAX	43-013-30779	FED.15-28	08S	16E	28	INJW	426026A N
✓LOMAX	43-013-31372	14A-28	08S	16E	28	INJW	468528A N 4756071572A
✓LOMAX	13-32/43-013-31403	GILSONITE ST	08S	17E	32	INJW	ML22060 Y
✓LOMAX	43-013-30658	GILSONITE 7-32	08S	17E	32	INJW	ML22060 Y
✓LOMAX	8-34/43-013-30843	MONUMENT BUT	08S	16E	34	INJW	416535 Y
✓LOMAX	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW	434173 N
✓LOMAX	15-35/43-013-31264	MONUMENT FED	08S	16E	35	INJW	416535 N
✓LOMAX	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW	416535 N
✓LOMAX	2-35/43-013-30606	MONUMENT BUT	08S	16E	35	INJW	416535 N
✓LOMAX	3-35/43-013-30608	MONUMENT BUT	08S	16E	35	INJW	416535 N
✓LOMAX	13-35/43-013-30745	MONUMENT BUT	08S	16E	35	INJW	416535 N

Speed Letter®

To Ed Bonner

From Don Staley

~~State Lands~~ SCHOOL & INSTITUTIONAL
TRUST LANDS ADMIN.

Oil, Gas and Mining

Subject Operator Change

— No. 9 & 10 FOLD
MESSAGE

Date 8/23 19 95

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s). These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by State Lands ASAP.

Former Operator: LOMAX EXPLORATION CO. (N 0580)

New Operator : INLAND PRODUCTION CO. (N 5160)

Well:

API:

Entity:

S-T-R:

(SEE ATTACHED LIST)

— No. 9 FOLD
— No. 10 FOLD
CC: Operator File

Signed

Don Staley

REPLY

Date _____ 19 _____

Signed _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - VIC FORM 5

Well name and number: _____
Field or Unit name: GILSONITE UNIT API no. _____
Well location: QQ _____ section _____ township 8S range 17E county Duchesne
Effective Date of Transfer: June 29, 1995

CURRENT OPERATOR

Transfer approved by:

Name Chris A Potter Company Lomax Exploration Company
Signature [Signature] Address 475 17th Street, Ste 1500
Title Attorney-in-Fact Denver, Colorado 80202
Date August 1, 1995 Phone (303) 292-0900

Comments:

NEW OPERATOR

Transfer approved by:

Name Chris A Potter Company Inland Production Company
Signature [Signature] Address 475 17th Street, Ste 1500
Title Attorney-in-Fact Denver, Colorado 80202
Date August 1, 1995 Phone (303) 292-0900

Comments:

(State use only)

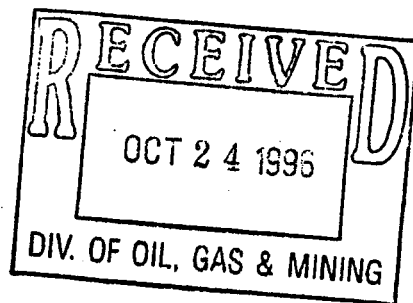
Transfer approved by [Signature] Title Superintendent
Approval Date 8-7-95

WELL NAME	API	ENTITY	LOCATION	LEASE
GILSONITE STATE 10-32	43-013-31485	99999	32-8S-17E	ML22061
GILSONITE STATE 8-32	43-013-31498	99999	32-8S-17E	ML22061
MONUMENT BUTTE STATE 16-2	43-013-31510	99999	2-9S-16E	ML21839
MONUMENT BUTTE STATE 8-2	43-013-31509	99999	2-9S-16E	ML21839
SUNDANCE STATE 5-32	43-047-32685	11781	32-8S-18E	ML22058
MONUMENT BUTTE STATE 14-36	43-013-31508	11774	36-8S-16E	ML22061
GILSONITE STATE 14I-32	43-013-31523	11788	32-8S-17E	ML21839
MONUMENT BUTTE STATE 16-36R	43-013-10159	99999	36-8S-16E	ML22061
STATE 5-36	43-013-30624	10835	36-8S-16E	ML22061
STATE 1-36	43-013-30592	10835	36-8S-16E	ML22061
12-32	43-013-30787	11486	32-8S-17E	ML22060
GILSONITE STATE 13-32	43-013-31403	99990	32-8S-17E	ML22060
GILSONITE STATE 7-32	43-013-30658	11486	32-8S-17E	ML22060
WELLS DRAW STATE 7-36	43-013-30934	09730	36-8S-15E	ML21835
STATE 1-2	43-013-30596	10835	2-9S-16E	ML21839
STATE 13-36	43-013-30623	10835	36-8S-16E	ML22061
STATE 3-2	43-013-30627	10835	2-9S-16E	ML21839
STATE 12-36	43-013-30746	10835	36-8S-16E	ML22061
STATE 1-32	43-013-30599	11486	32-8S-17E	ML22060
GILSONITE STATE 2-32	43-013-30604	11486	32-8S-17E	ML22060
STATE 11-32	43-013-30685	11486	32-8S-17E	ML22060
STATE 1A-32	43-013-30691	11486	32-8S-17E	ML22060
STATE 9-32	43-013-30713	11486	32-8S-17E	ML22060
STATE 5-32	43-013-30714	11486	32-8S-17E	ML22060
STATE 6-32	43-013-30748	11486	32-8S-17E	ML22060
STATE 4-32	43-013-30800	11486	32-8S-17E	ML22060
GILSONITE STATE 14-32	43-013-31480	11486	32-8S-17E	ML22061



October 18, 1996

State of Utah
Division of Oil Gas & Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801



ATTENTION: Dan Jarvis

RE: Gilsonite State #12-32
Gilsonite State #14I-32


Gilsonite State #13-32
Gilsonite State #15-32

Dear Dan,

Enclosed are the Step Rate Tests conducted on 10/14/96, for the above referenced locations, and Sundry Notices and Reports on Wells, for each individual location, requesting authorization to increase the maximum injection rate to the following:

<u>Location</u>	<u>Proposed Maximum Injection Pressure</u>
Gilsonite State #12-32	1540# 43-013-30787
Gilsonite State #14I-32	1620# 43-013-31523
Gilsonite State #15-32	1340# 43-013-31584/sow
Gilsonite State #12-32	1430# 43-013-31403

Please contact me in the Vernal branch office, (801) 789-1866, P.O.Box 790233, Vernal, UT 84079, if you have questions, or need additional information.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

Attn: Ed Forsman
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐

Oil Well

☐

Gas well

☒

Other

Injector

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. 790233

Vernal, Utah

84079

(801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/SW

Sec. 32, T8S R17E

5. Lease Designation and Serial No.

ML-22060

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

GILSONITE UNIT

8. Well Name and No.

Gilsonite State #13-32

9. API Well No.

43-013-31403

10. Field and Pool, or Exploratory Area

Gilsonite

11. County or Parish, State

Duchesne, UT

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing repair

☐

Altering Casing

☒

Other

Injection Rate

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-off

☐

Conversion to Injection

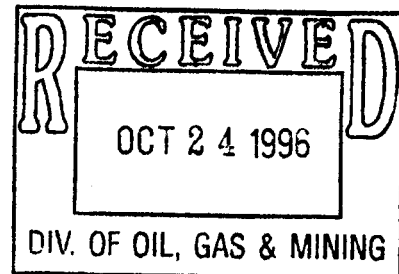
☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directly drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Inland Production Company requests authorization to increase the maximum injection rate for the Gilsonite State #13-32 to 1430#. See attached step rate test.



14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

10/18/96

(This space of Federal or State office use.)

Approved by

Title

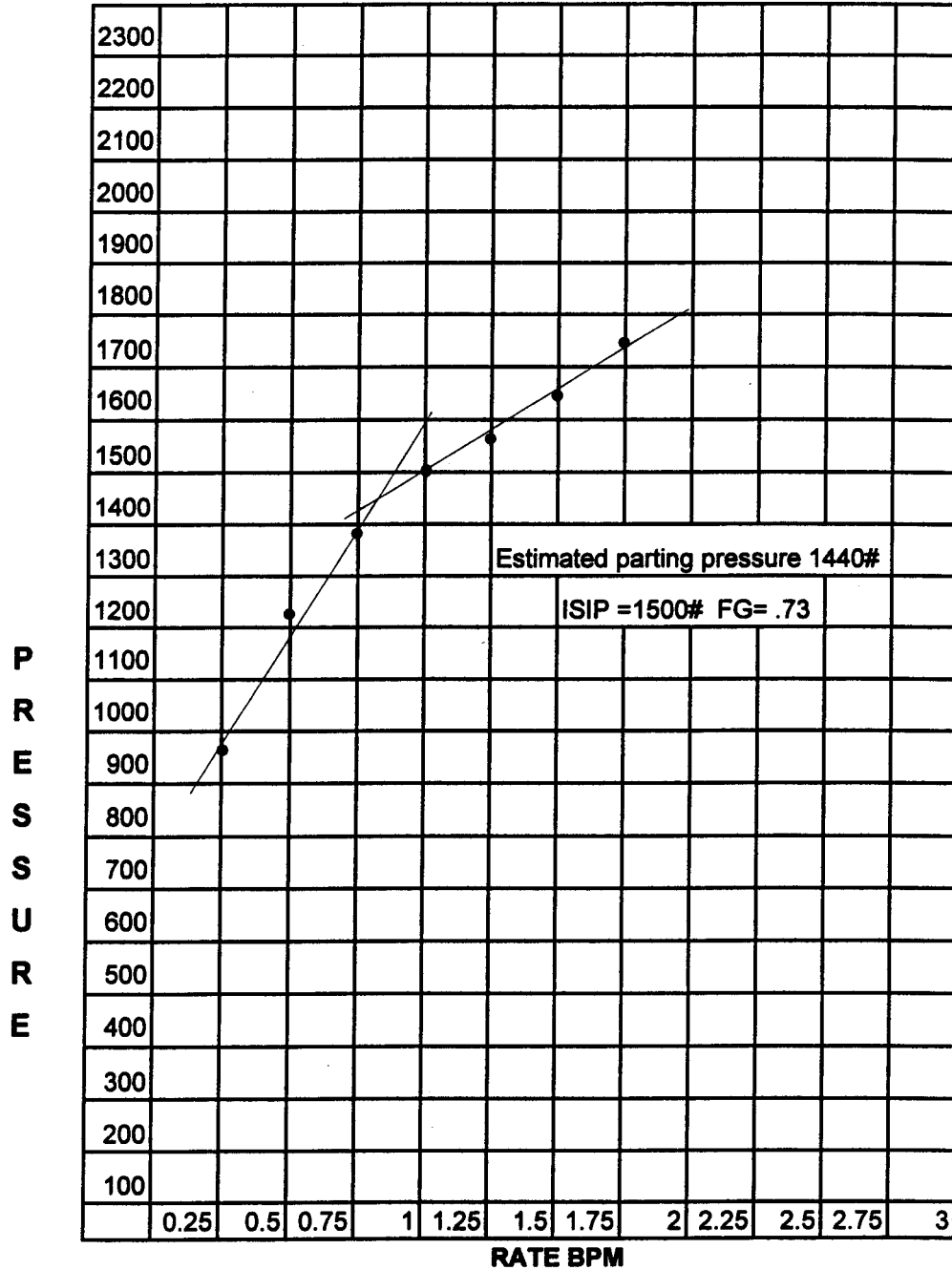
Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as

to any matter within its jurisdiction.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 10-29-96
BY: [Signature]

STEP RATE TEST**GILSONITE STATE 13-32****10-14-1996**



JOB LOG HAL-2013-C

IPN

10-14-96

CONCLUSIONS

1111

1142

CONCLUSIONS

1999

Inland

13-32

Gilsonite State

Step Rate Injection

163879

[illegible]

Parting PSI = 1420 ±

Thank You
Debbie & Paul

FIELD OFFICE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. ML-22060	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Route 3, Box 3630, Myton Utah 84052 (435-646-3721)		7. UNIT AGREEMENT NAME Gilsonite Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/SW 5 FSL 5 FWL		8. FARM OR LEASE NAME GILSONITE STATE 13-32	
		9. WELL NO. State 13-32	
		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA SW/SW Section 32, T08S R17E	
14. API NUMBER 43-013-31403	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5253 GR	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

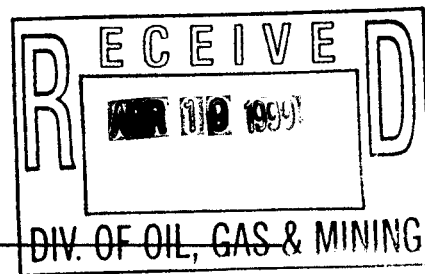
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <u>STEP RATE TEST</u>	<input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On April 15, 1999 Inland Production Company conducted a Step-Rate Test (SRT) on the Gilsonite State 13-32 injection well in the Gilsonite Unit. Due to the results of the attached SRT Inland is requesting approval to increase our Maximum Allowable Injection pressure on the #13-32 to 1600 psi.

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 4/27/99
By: *[Signature]*

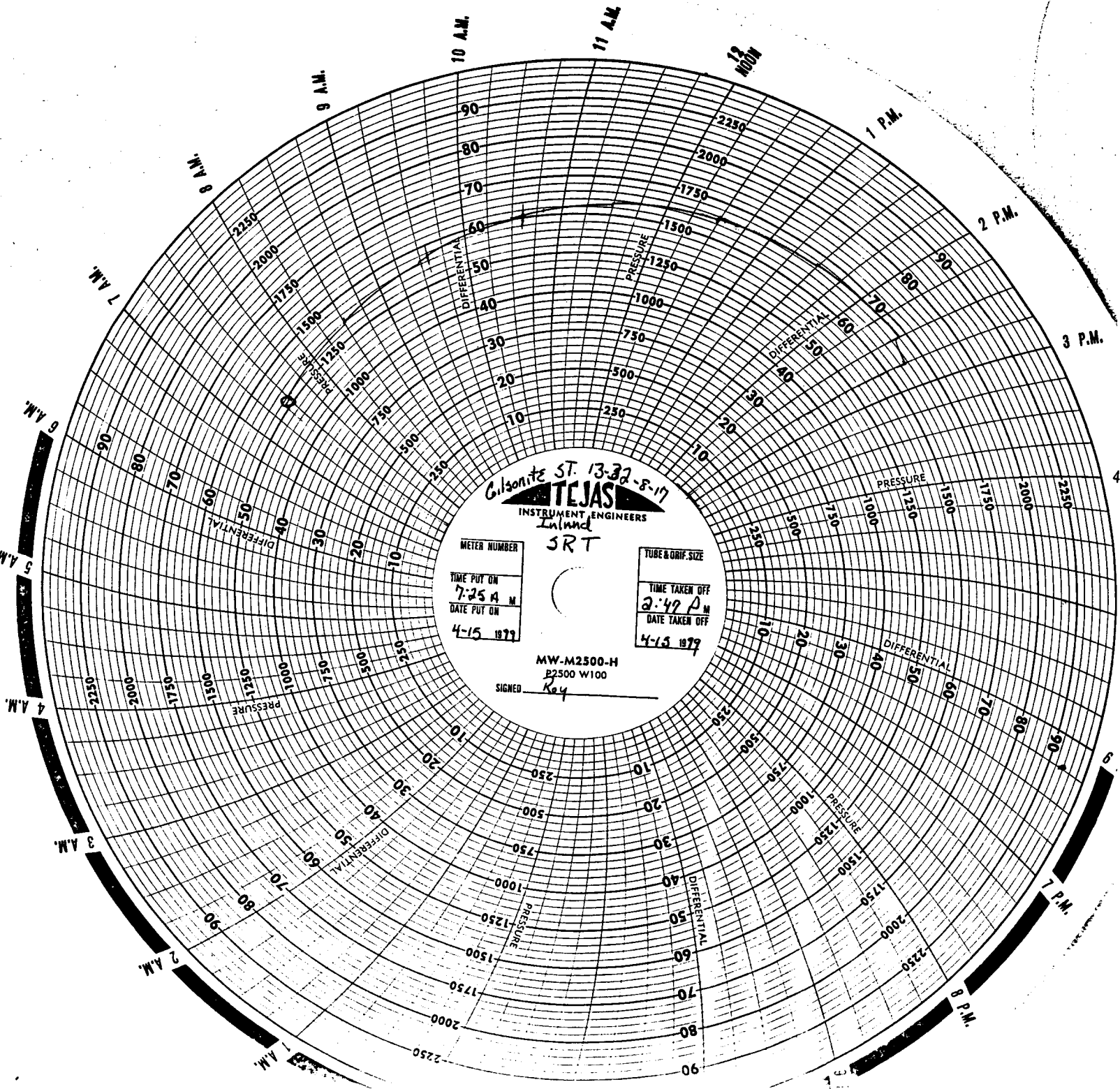


18 I hereby certify that the foregoing is true and correct
SIGNED Brad Mechem **TITLE** Operations Manager **DATE** 4/15/99
Brad Mechem

(This space for Federal or State office use)

APPROVED BY _____ **TITLE** _____ **DATE** _____

CONDITIONS OF APPROVAL, IF ANY:

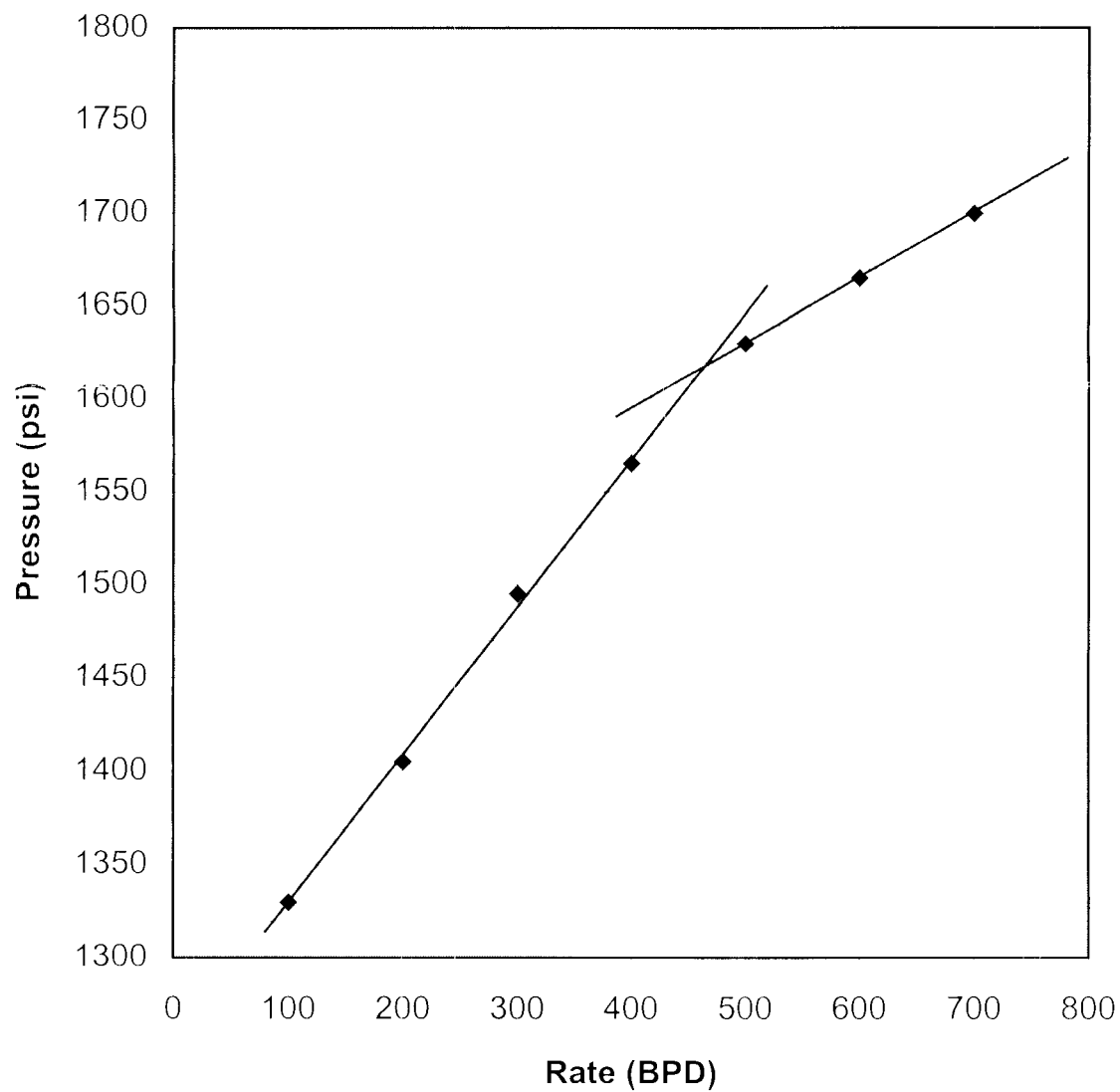


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APR 16 1979

DIV. OF OIL, GAS & MINING

**G. nite State 13-32
(Gilsonite unit)
Step Rate Test
April 15, 1999**



ISIP: 1670 psi

Fracture pressure: 1628 psi

Step	Rate(bpd)	Pressure(psi)
1	100	1330
2	200	1405
3	300	1495
4	400	1565
5	500	1630
6	600	1665
7	700	1700



PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

April 19, 2000

Division Oil and Gas & Mining
Attn: Mr. Brad Hill
1594 West North Temple – Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Gilsonite State 13-32-8-17
API # 43-013-31403, ML-22060

Dear Mr. Brad Hill

Please find enclosed the results of a MIT test conducted today on the above referenced well. On 4-19-00 there was 1080 psi put on casing with 1350 psi on tubing there was no loss of pressure charted in a 1/2 hour test. MR. Bahram Jafari and Mr Nathan Wiser with the EPA witnessed the test. The pressure was then released. This was a 5 year scheduled test.

If you have any questions or need further information, please don't hesitate to contact me. I can be reached at our Pleasant Valley Office at (435) 646-3721 or on my cellular at (435) 823-7977.

Sincerely,

Ron Shuck
Production Foreman

Enclosures

cc: State of Utah – Division of Oil, Gas & Mining
Jon Holst - Inland Resources
Roosevelt & Denver Well Files

/rs

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APR 24 2000

**DIVISION OF
OIL, GAS AND MINING**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		DESIGNATION AND SERIAL NO. ML-22060	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Route 3 Box 3630, Myton Utah, 84052 (435) 646-3721		7. UNIT AGREEMENT NAME NA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below) At surface SW/SW 5 FSL 5 FWL		8. FARM OR LEASE NAME GILSONITE STATE 13-32	
14. API NUMBER 43-013-31403		9. WELL NO. 13-32-8-17	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5253 GR		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
12. COUNTY OR PARISH DUCHESNE		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/SW Section 32, T08S R17E	
13. STATE UT			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <u>MIT on Casing</u>	<input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced well had a MIT test done on the casing on 4-19-00. Mr. Bahram Jafari and Mr. Nathan Wiser with the EPA witnessed the test. The casing wash pressured to 1080 psi with 1350 psi on tubing. No loss off pressure wash charted in 30 minutes. The pressure was then released.

18 I hereby certify that the foregoing is true and correct
SIGNED Ron Shuck TITLE Production Foreman DATE 4/19/00
Ron Shuck

(This space for Federal or State office use)

APPROVED BY

TITLE

COPY SENT TO OPERATOR

DATE

CONDITIONS OF APPROVAL, IF ANY:

Date:

Initials:

5-12-00
CHD

**Accepted by the
Utah Division of
Oil, Gas and Mining**

* See Instructions On Reverse Side

Date: 5/12/00
By: [Signature]

RECEIVED

APR 24 2000

DIVISION OF
OIL, GAS AND MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, (8ENF-T)
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: Burham Tafari Date 4/19/00 Time 12:30 am/pm
Test conducted by: Rev Shuck
Others present: Matt Fillingim

Well: Gibsonite State 13-32-8-17

Well ID: UT 2633-03769

Field: Gibsonite

Company: Ionian

Well Location: T85, R17E, S32

Address: Mgt. UT

Time	Test #1	Test #2	Test #3
0 min	<u>1080</u> psig	_____ psig	_____ psig
5	<u>1080</u>	_____	_____
10	<u>1080</u>	_____	_____
15	<u>1080</u>	_____	_____
20	<u>1080</u>	_____	_____
25	<u>1080</u>	_____	_____
30 min	<u>1080</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	<u>1400</u> <u>1350 (EPA)</u> psig	_____ psig	_____ psig

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APR 24 2000

DIVISION OF
OIL, GAS AND MINING

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: Nathan M. Wier

See back of page for any additional comments & compliance followup.

Mechanical Integrity Test

Additional comments for mechanical integrity test Syr test on Casing

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APR 24 2000

DIVISION OF
OIL, GAS AND MINING

OFFICE USE ONLY - COMPLIANCE FOLLOWUP Staff _____ Date _____

Do you agree that the well passed/failed the test? ☐ Yes ☐ No

Transfer of ownership? ☐ Yes ☐ No OLD _____ NEW _____

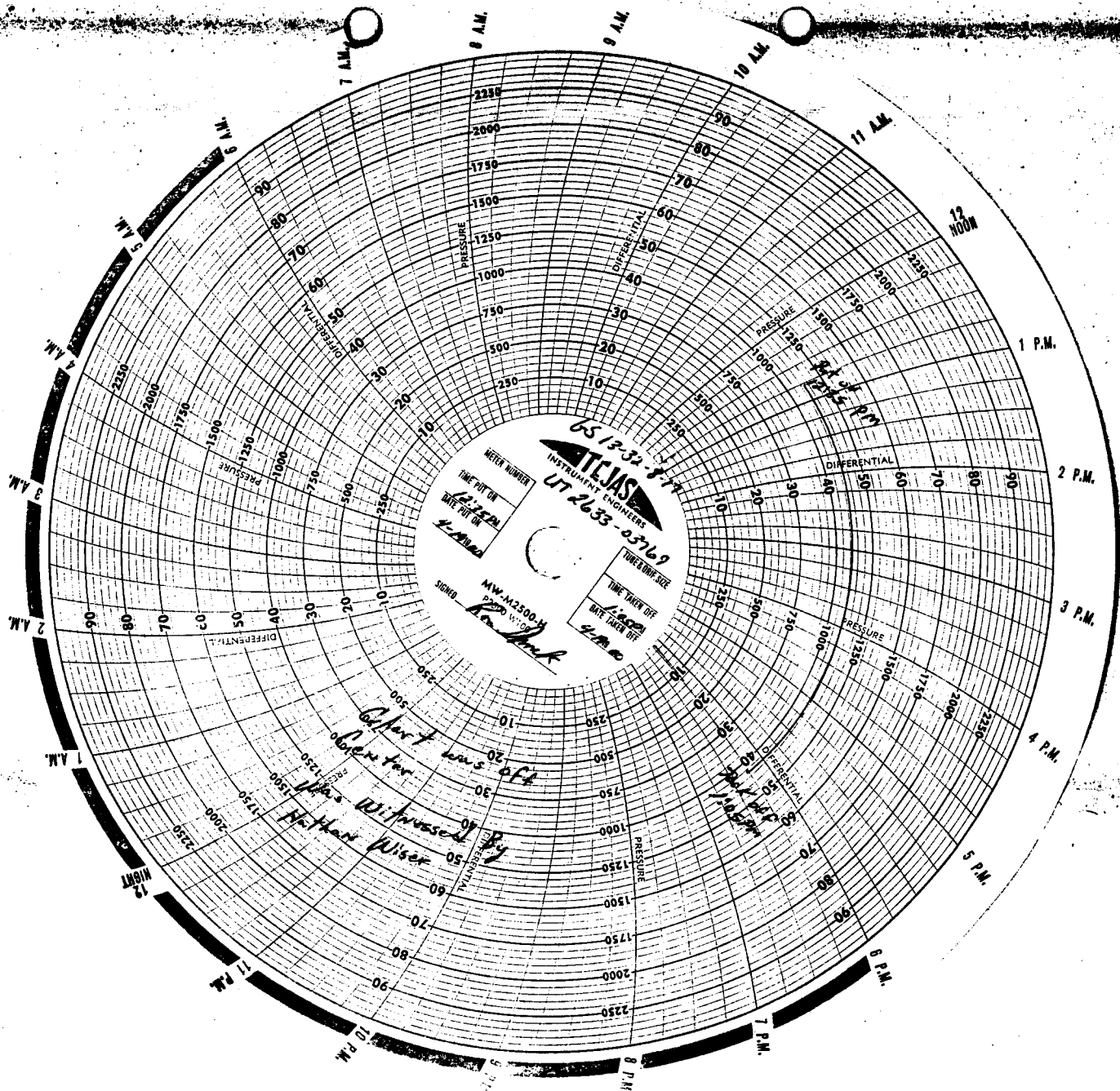
Change in operating status (computer update) ☐ Yes ☐ No

Possible violation identified? ☐ Yes ☐ No

If YES - Followup initiated? ☐ Yes ☐ No

☐ Data Entry ☐ Compliance Staff ☐ 2nd Data Entry ☐ Hard Copy Filing

This is the back side of two sides.



RECEIVED

APR 24 2000

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection well		5. LEASE DESIGNATION AND SERIAL NUMBER: ML22060
2. NAME OF OPERATOR: Inland Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GILSONITE UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 5 FSL 5 FWL		8. WELL NAME and NUMBER: GILSONITE 13-32
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/SW, 32, T8S, R17E		9. API NUMBER: 4301331403
		10. FIELD AND POOL, OR WILDCAT: Monument Butte
		COUNTY: Duchesne
		STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF ACTION

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Step Rate Test
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/16/2004			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on July 14, 2004. The parting pressure was not reached during the test. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to the highest pressure achieved or 1860 psi.

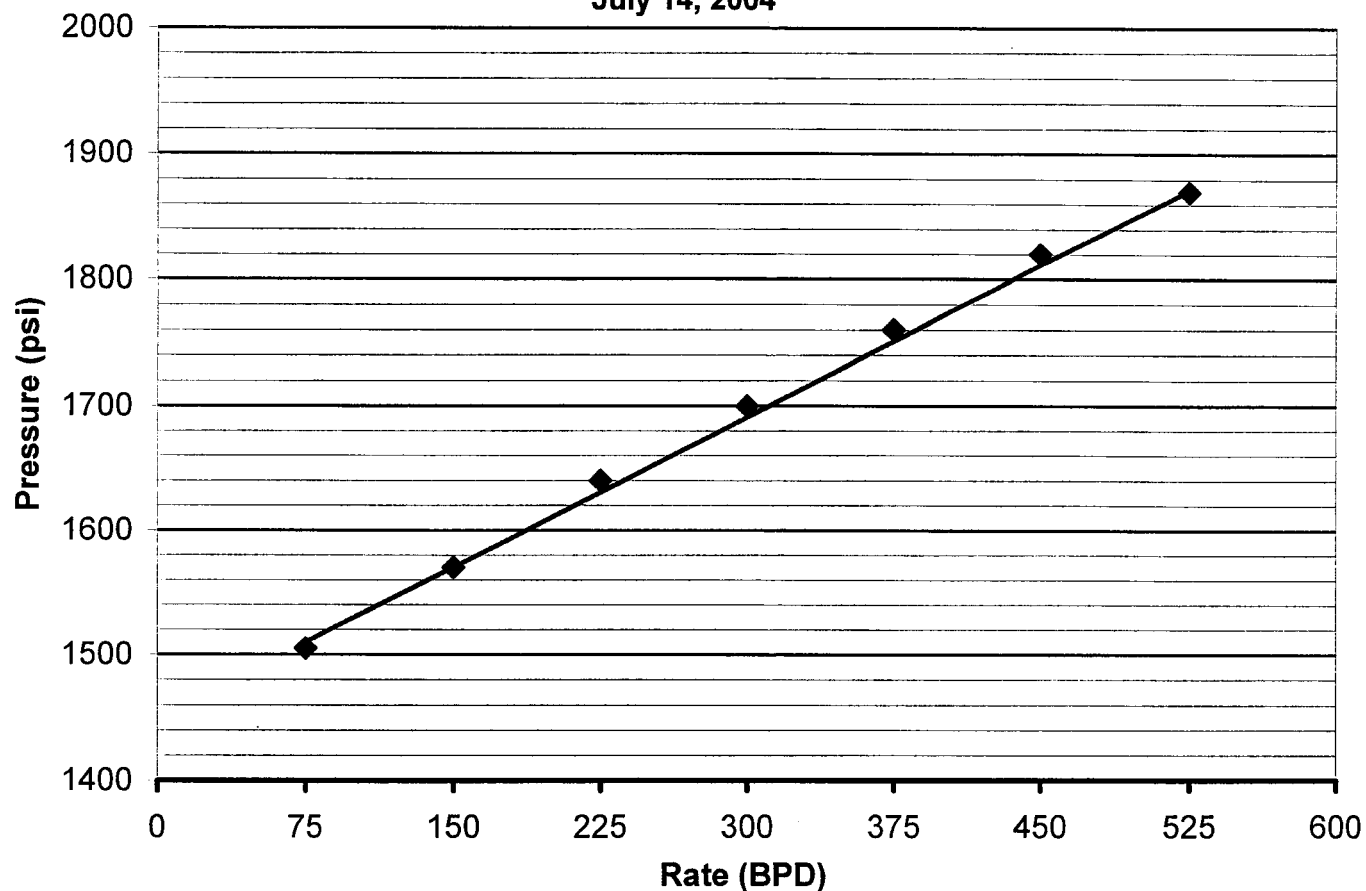
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
JUL 19 2004

DIV. OF OIL, GAS & MINING

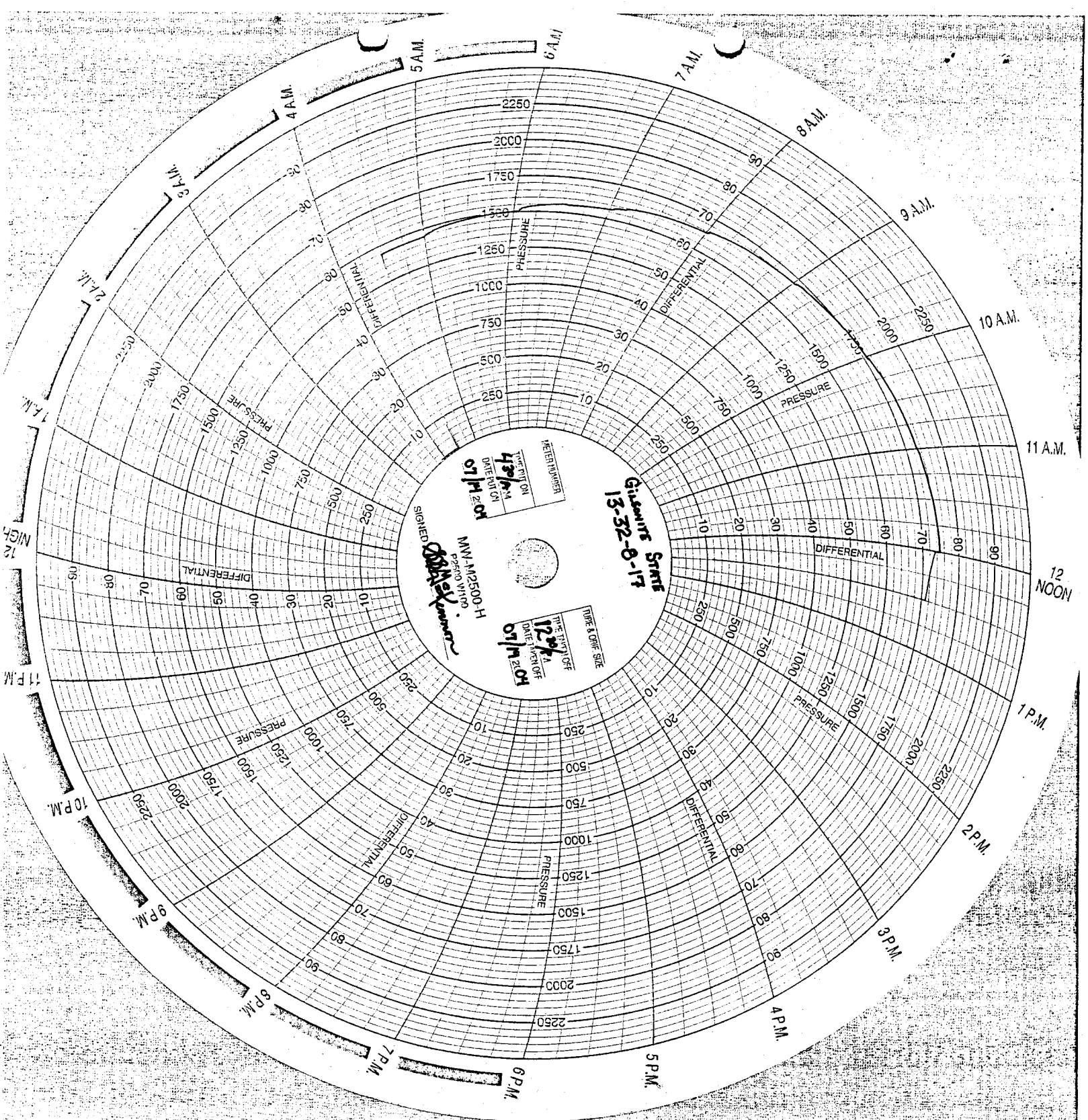
NAME (PLEASE) Mike Guinn	TITLE Engineer
SIGNATURE 	DATE July 16, 2004

Gilsonite State 13-32-8-17
Gilsonite Unit
Step Rate Test
July 14, 2004



Start Pressure: 1445 psi
Instantaneous Shut In Pressure (ISIP): 1840 psi
Top Perforation: 4925 feet
Fracture pressure (Pfp): N/A psi
FG: N/A psi/ft

Step	Rate(bpd)	Pressure(psi)
1	75	1505
2	150	1570
3	225	1640
4	300	1700
5	375	1760
6	450	1820
7	525	1870





Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: _____
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*
Title: *Perf. Services Manager*

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****GILSONITE****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
STATE 1-32	32	080S	170E	4301330599	11486	State	WI	A
GILSONITE ST 2-32	32	080S	170E	4301330604	11486	State	OW	P
STATE 7-32	32	080S	170E	4301330658	11486	State	WI	A
STATE 11-32	32	080S	170E	4301330685	11486	State	WI	A
STATE 1A-32	32	080S	170E	4301330691	11486	State	WI	A
STATE 9-32	32	080S	170E	4301330713	11486	State	WI	A
STATE 5-32	32	080S	170E	4301330714	11486	State	WI	A
STATE 6-32	32	080S	170E	4301330748	11486	State	OW	P
GILSONITE ST 12-32	32	080S	170E	4301330787	11486	State	OW	P
STATE 4-32	32	080S	170E	4301330800	11486	State	OW	P
GILSONITE 13-32	32	080S	170E	4301331403	11486	State	WI	A
GILSONITE STATE 14-32	32	080S	170E	4301331480	11486	State	OW	P
GILSONITE STATE 10-32	32	080S	170E	4301331485	11486	State	OW	P
GILSONITE STATE 8-32	32	080S	170E	4301331498	11486	State	OW	P
GILSONITE ST 14I-32	32	080S	170E	4301331523	11486	State	WI	A
GILSONITE ST 15-32I	32	080S	170E	4301331584	11486	State	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection well		5. LEASE DESIGNATION AND SERIAL NUMBER: ML22060
2. NAME OF OPERATOR: Newfield Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Mvton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GILSONITE UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 5 FSL 5 FWL		8. WELL NAME and NUMBER: GILSONITE 13-32
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SW/SW, 32, T8S, R17E		9. API NUMBER: 4301331403
		10. FIELD AND POOL, OR WILDCAT: Monument Butte
		COUNTY: Duchesne
		STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

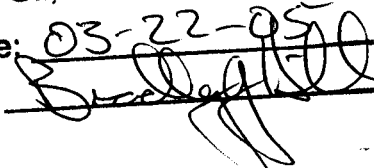
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/17/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

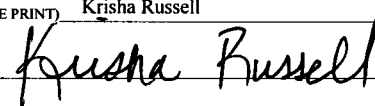
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was recompleted in the Green River Formation. Six new intervals were perforated. The A3 sds 5274'-5278' w/ 4 JSPF, D3 sds 4876'-4884' w/ 4 JSPF, D1 sds 4762'-4770' w/ 4 JSPF, D1 sds 4750'-4758' w/ 4 JSPF, GB6 sds 4286'-4304' w/ 4 JSPF and the GB4 sds 4250'-4258' w/ 4 JSPF for a total of 216 shots.

On 3/14/05 Mr. Nathan Wiser w/ EPA was notified on the intent to conduct a MIT on the casing. On 3/16/05 the casing was pressured to 1190 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: 03-22-05
By: 

NAME (PLEASE PRINT) <u>Krishna Russell</u>	TITLE <u>Production Clerk</u>
SIGNATURE 	DATE <u>March 17, 2005</u>

(This space for State use only)

RECEIVED
MAR 18 2005
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 03 / 16 / 2005
Test conducted by: J.D. Harrocks
Others present: _____

Well Name: <u>Gillette State 13-32-P17</u> Type: ER SWD Status: AC TA UC			
Field: <u>Gillette</u>			
Location: <u>SW/SW</u>	Sec: <u>32</u>	T: <u>8</u>	N/S R: <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>New Field Exploration</u>			
Last MIT: <u>1</u> / <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1840</u>		PSIG

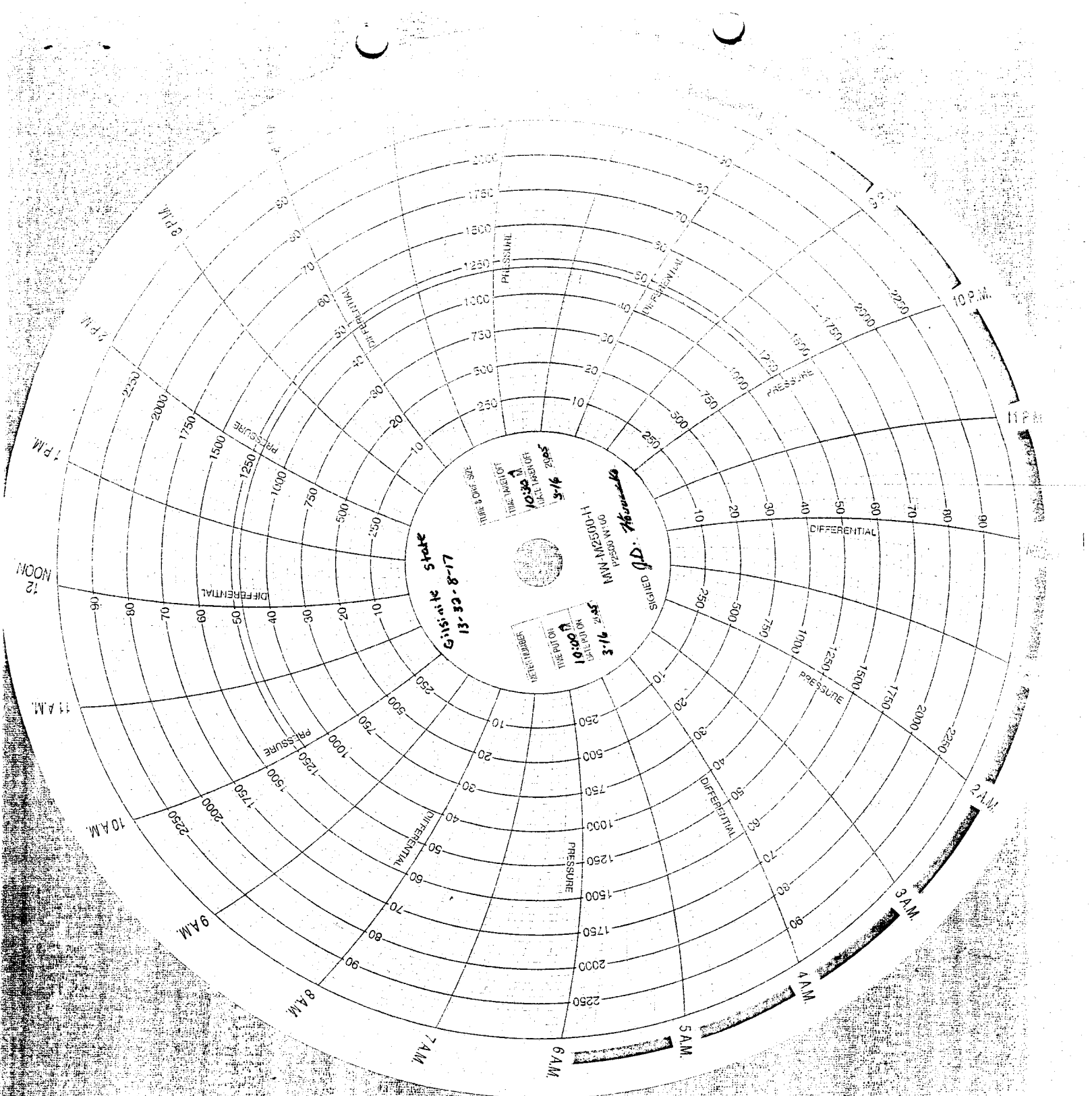
Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☒ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING PRESSURE				
Initial pressure	<u>0</u> psig	psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig	psig
CASING/TUBING ANNULUS PRESSURE				
0 minutes	<u>1190</u> psig	psig	psig	psig
5 minutes	<u>1190</u> psig	psig	psig	psig
10 minutes	<u>1190</u> psig	psig	psig	psig
15 minutes	<u>1190</u> psig	psig	psig	psig
20 minutes	<u>1190</u> psig	psig	psig	psig
25 minutes	<u>1190</u> psig	psig	psig	psig
30 minutes	<u>1190</u> psig	psig	psig	psig
_____ minutes	psig	psig	psig	psig
_____ minutes	psig	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

RECEIVED
MAR 18 2005
DIV. OF OIL, GAS & MINING



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GILSONITE UNIT
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: GILSONITE 13-32-8-17
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 5 FSL 5 FWL		9. API NUMBER: 4301331403
OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: SWSW, 32, T8S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT


11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/18/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on June 8, 2006. Results from the test indicate that the fracture gradient is .762 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1390 psi.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR REVIEW ONLY

NAME (PLEASE PRINT) <u>Chevenne Bateman</u>	TITLE <u>Well Analyst Foreman</u>
SIGNATURE 	DATE <u>07/18/2006</u>

(This space for State use only)

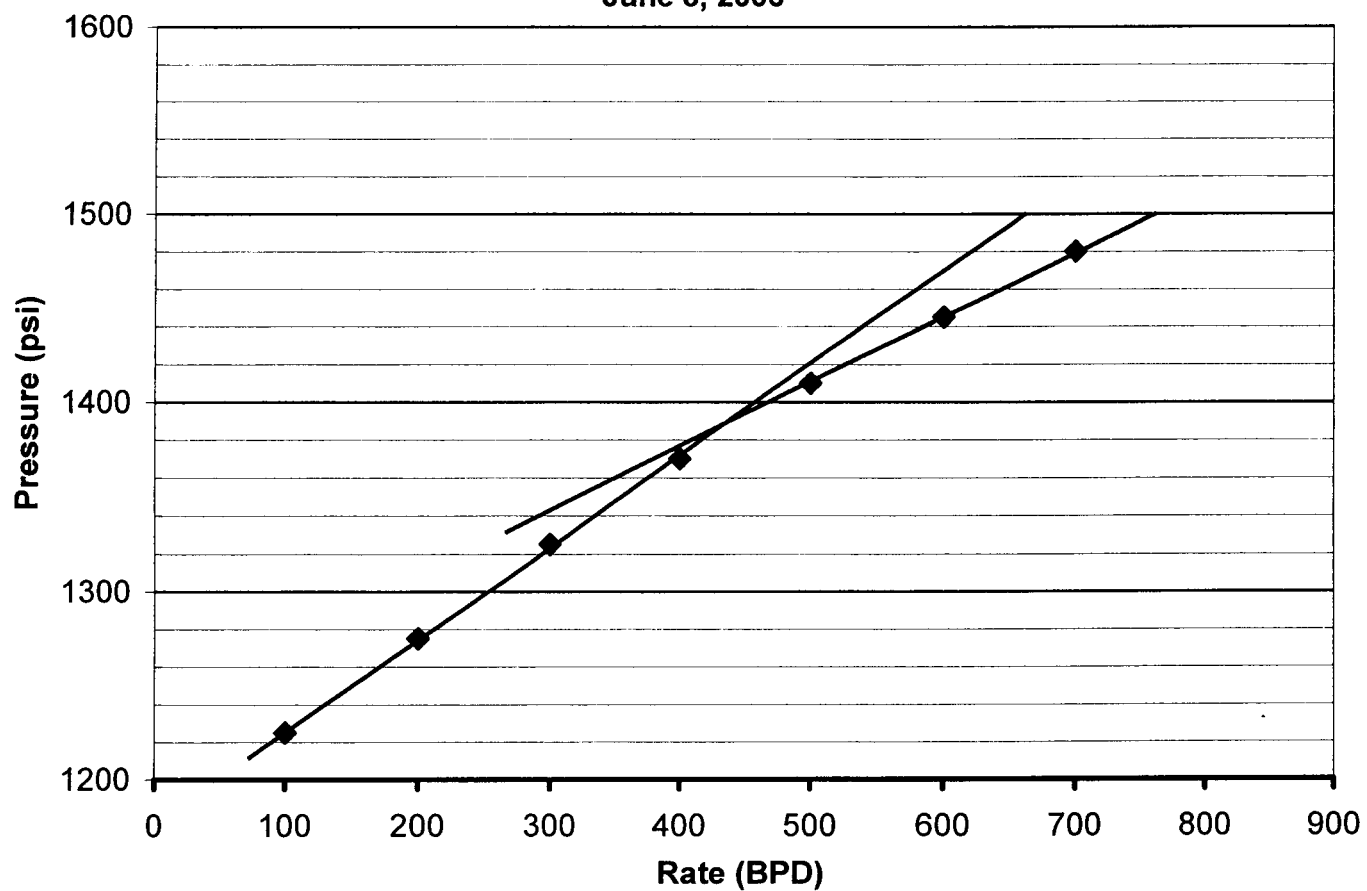
RECEIVED
JUL 20 2006
DIV. OF OIL, GAS & MINING

Gilsonite State 13-32-8-17

Gilsonite Unit

Step Rate Test

June 8, 2006



Start Pressure:

1180 psi

Instantaneous Shut In Pressure (ISIP):

1475 psi

Top Perforation:

4250 feet

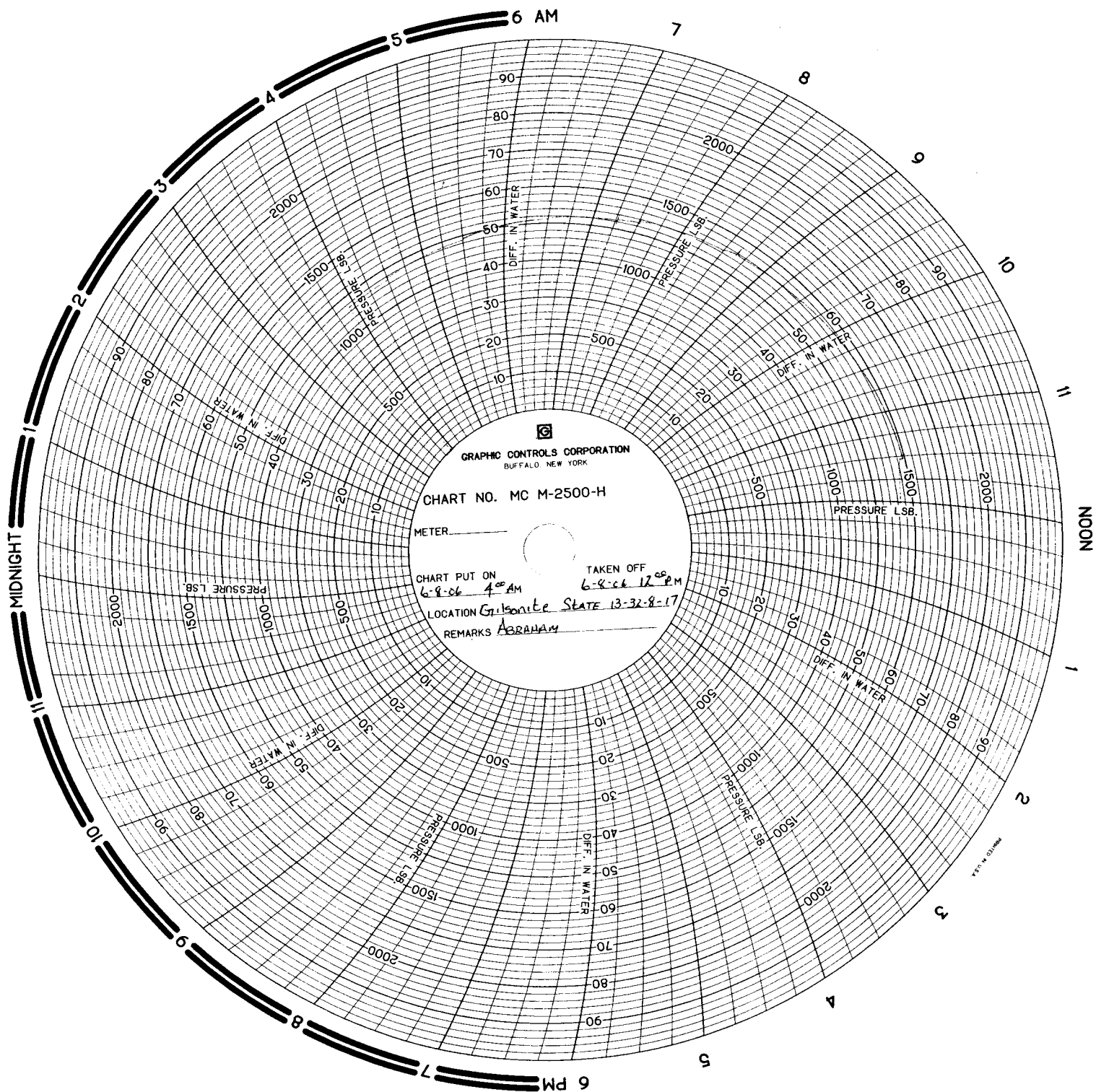
Fracture pressure (Pfp):

1390 psi

FG:

0.762 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	1225
2	200	1275
3	300	1325
4	400	1370
5	500	1410
6	600	1445
7	700	1480



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-22060
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: GILSONITE UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GILSONITE UNIT
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: GILSONITE 13-32
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 5 FSL 5 FWL		9. API NUMBER: 4301331403
OTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW, 32, T8S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>03/17/2005</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -	
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was recompleted in the Green River Formation. Six new intervals were perforated. The A3 sds 5274'-5278' w/ 4 JSPF, D3 sds 4876'-4884' w/ 4 JSPF, D1 sds 4762'-4770' w/ 4 JSPF, D1 sds 4750'-4758' w/ 4 JSPF, GB6 sds 4286'-4304' w/ 4 JSPF and the GB4 sds 4250'-4258' w/ 4 JSPF for a total of 216 shots.

On 3/14/05 Mr. Nathan Wiser w/ EPA was notified on the intent to conduct a MIT on the casing. On 3/16/05 the casing was pressured to 1190 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

NAME (PLEASE PRINT) Krishna Russell TITLE Production Clerk
SIGNATURE _____ DATE 03/17/2005

(This space for State use only)

RECEIVED
FEB 11 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-22060
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: GMBU
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GILSONITE 13-32
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 5 FSL 5 FWL		8. WELL NAME and NUMBER: GILSONITE 13-32
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 32, T8S, R17E		9. API NUMBER: 4301331403
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/25/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 02-08-10 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at that time to perform the test on 02-08-10. On 02-25-10 the casing was pressured up to 1625 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1285 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT 20633-03769 API# 43-013-31403

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	TITLE Administrative Assistant
SIGNATURE 	DATE 02/25/2010

(This space for State use only)

RECEIVED
MAR 01 2010
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 2 / 25 / 10
Test conducted by: Cole Harris
Others present: Scott Sims

Well Name: <u>Gilsonite 13-32-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/4</u> Sec: <u>32</u> T <u>8</u> N <u>15</u> R <u>17</u> E/W County: <u>Duchesne</u> State: <u>Ut</u>		
Operator: <u>Newfield</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>		Maximum Allowable Pressure: _____ PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

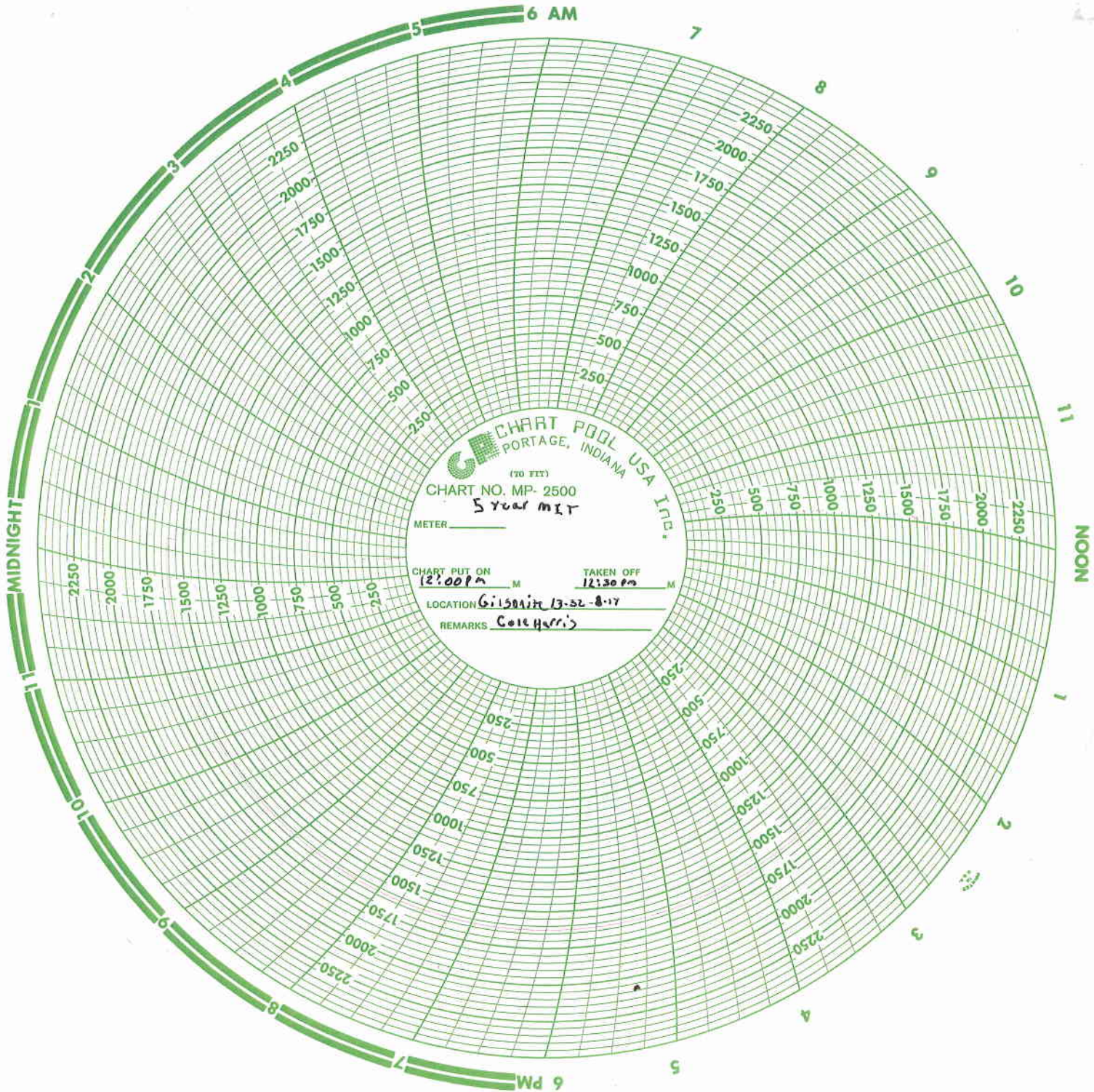
MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING		PRESSURE		
Initial Pressure		1285 psig	psig	psig
End of test pressure		1285 psig	psig	psig
CASING / TUBING		ANNULUS PRESSURE		
0 minutes		1625 psig	psig	psig
5 minutes		1625 psig	psig	psig
10 minutes		1625 psig	psig	psig
15 minutes		1625 psig	psig	psig
20 minutes		1625 psig	psig	psig
25 minutes		1625 psig	psig	psig
30 minutes		1625 psig	psig	psig
_____ minutes		psig	psig	psig
_____ minutes		psig	psig	psig
RESULT		<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22060
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: GILSONITE 13-32
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0005 FSL 0005 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 32 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013314030000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/28/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:
OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

5 YR MIT performed on the above listed well. On 01/28/2015 the casing was pressured up to 1068 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 425 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-03769

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

February 11, 2015

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/29/2015	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 11/26/15
Test conducted by: Chris Walters
Others present: _____

Well Name: <u>Gilsonite 13-32-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GIMBY</u>		
Location: <u>SW/SW</u> Sec: <u>32</u> T: <u>8</u> N: <u>18</u> R: <u>17E</u> County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>NEX</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1485</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☒ Yes ☐ No If Yes, rate: 49 bpd

Pre-test casing/tubing annulus pressure: 1062 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1424</u> psig	psig	psig
End of test pressure	<u>1425</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1062</u> psig	psig	psig
5 minutes	<u>1063</u> psig	psig	psig
10 minutes	<u>1064</u> psig	psig	psig
15 minutes	<u>1065</u> psig	psig	psig
20 minutes	<u>1066</u> psig	psig	psig
25 minutes	<u>1067</u> psig	psig	psig
30 minutes	<u>1068</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

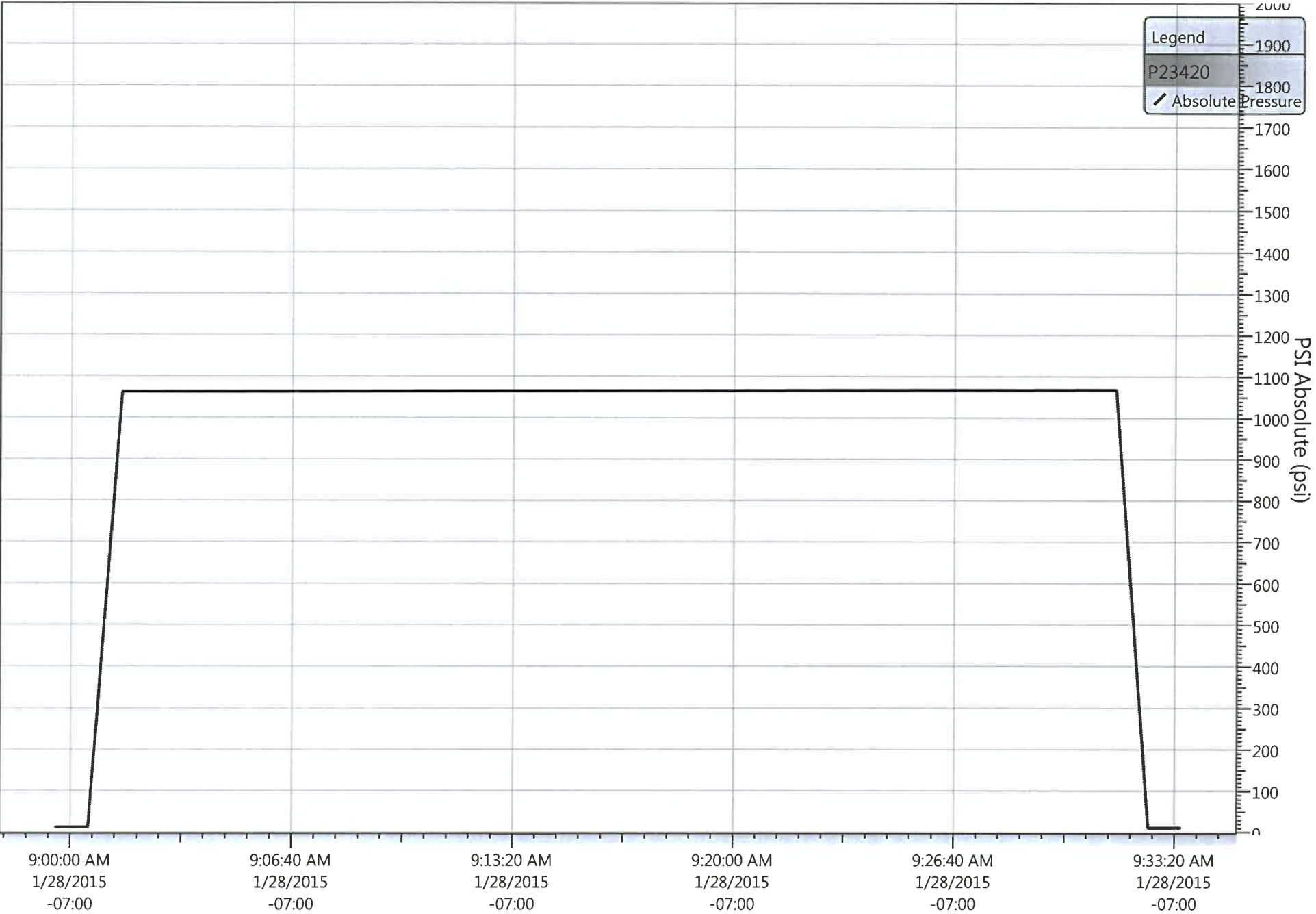
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: CL Walters

13-32-8-17 5-yr MIT (1-28-15)

1/28/2015 8:58:51 AM



NEWFIELD



Schematic

43-013-31403

Well Name: Gilsonite 13-32-8-17

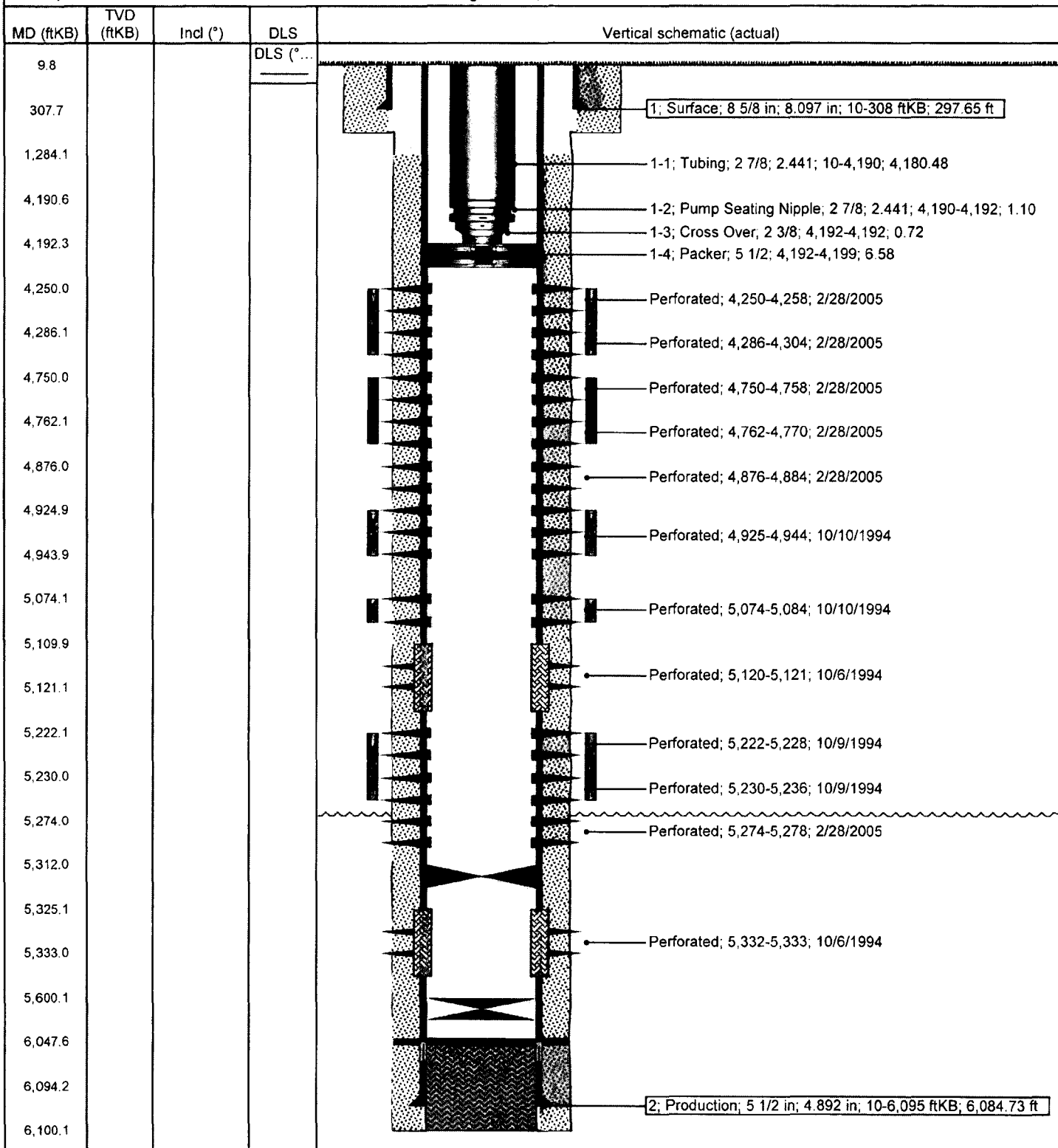
Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
32-8S-17E	43013314030000	500151522		Utah	GMBU CTB7	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
9/6/1994	9/16/1994	11/3/1994	5,263	5,253		Original Hole - 6,047.5

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Testing		N/A	1/28/2015	1/28/2015

TD: 6,100.0

Vertical - Original Hole, 3/7/2016 9:57:28 AM



NEWFIELD



Newfield Wellbore Diagram Data Gilsonite 13-32-8-17

Surface Legal Location 32-8S-17E			API/UWI 43013314030000		Lease
County Duchesne	State/Province Utah		Basin		Field Name GMBU CTB7
Well Start Date 9/6/1994		Spud Date 9/6/1994		Final Rig Release Date 9/16/1994	On Production Date 11/3/1994
Original KB Elevation (ft) 5,263	Ground Elevation (ft) 5,253	Total Depth (ftKB) 6,100.0		Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,047.5

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	9/8/1994	8 5/8	8.097	24.00	J-55	308
Production	9/19/1994	5 1/2	4.892	17.00	J-55	6,095

Cement

String: Surface, 308ftKB 9/8/1994

Cementing Company	Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 354.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCl+ 1/4# Cello Flake	Fluid Type Lead	Amount (sacks) 225	Class G	Estimated Top (ftKB) 10.0

String: Production, 6,095ftKB 9/19/1994

Cementing Company	Top Depth (ftKB) 1,284.0	Bottom Depth (ftKB) 3,225.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 68	Class HILIFT	Estimated Top (ftKB) 1,284.0
Fluid Description	Fluid Type Tail	Amount (sacks) 393	Class 50/50 POZ/G	Estimated Top (ftKB) 2,255.0

String: Production, 6,095ftKB 9/19/1994

Cementing Company	Top Depth (ftKB) 3,225.0	Bottom Depth (ftKB) 6,100.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 218	Class HILIFT	Estimated Top (ftKB) 3,225.0
Fluid Description	Fluid Type Tail	Amount (sacks) 128	Class 50/50 POZ/G	Estimated Top (ftKB) 2,255.0

String: Production, 6,095ftKB 10/7/1994

Cementing Company	Top Depth (ftKB) 5,110.0	Bottom Depth (ftKB) 5,125.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)

String: Production, 6,095ftKB 10/7/1994

Cementing Company	Top Depth (ftKB) 5,325.0	Bottom Depth (ftKB) 5,340.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)

Tubing Strings

Tubing Description Tubing					Run Date 3/4/2005	Set Depth (ftKB) 4,198.9		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	127	2 7/8	2.441	6.50	J-55	4,180.48	10.0	4,190.5
Pump Seating Nipple		2 7/8	2.441			1.10	4,190.5	4,191.6
Cross Over		2 3/8				0.72	4,191.6	4,192.3
Packer		5 1/2				6.58	4,192.3	4,198.9

Rod Strings

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Cement Retainer	5,312	5,317	10/7/1994	
CIBP	5,600	5,605	10/7/1994	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
4	GB4, Original Hole	4,250	4,258	4			2/28/2005
4	GB6, Original Hole	4,286	4,304	4			2/28/2005
4	D1, Original Hole	4,750	4,758	4			2/28/2005
4	D1, Original Hole	4,762	4,770	4			2/28/2005
4	D3, Original Hole	4,876	4,884	4			2/28/2005
3	C, Original Hole	4,925	4,944	4			10/10/1994
2	B2, Original Hole	5,074	5,084	4			10/10/1994



Newfield Wellbore Diagram Data Gilsonite 13-32-8-17

Perforation Intervals

Stage#	Zone	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
0	Cement Repair Zone, Original Hole	5,120	5,121	4		0.460	10/6/1994
1	A, Original Hole	5,222	5,228	4			10/9/1994
1	A, Original Hole	5,230	5,236	4			10/9/1994
4	A3, Original Hole	5,274	5,278	4			2/28/2005
0	Cement Repair Zone, Original Hole	5,332	5,333	4		0.460	10/6/1994

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1							
2	1,830						
3	1,634						
4			14.3	8,000			
5	1,970	0.89	14.3	3,520			
6							
7							

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		
2		Proppant Sand 104160 lb
3		Proppant Sand 20000 lb
4		Proppant Sand 18944 lb
5		Proppant Sand 31562 lb
6		
7		